

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042925AL\
 Data File : FC068726.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 20:18
 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 30 04:34:46 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	2426370	19.055 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
12) S 1-chlorooctadecane (S...	13.151	1733558	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.445	2065564	19.612 ug/ml
2) T n-Decane (C10)	4.522	2062048	19.571 ug/ml
3) T A~Naphthalene (C11.7)	6.120	2286712	19.635 ug/ml
4) T n-Dodecane (C12)	6.547	2024850	19.254 ug/ml
5) T A~2-methylnaphthalene...	7.178	2249494	19.477 ug/ml
6) T n-Tetradecane (C14)	8.345	1943095	18.901 ug/ml
7) T n-Hexadecane (C16)	9.949	1903994	18.696 ug/ml
8) T n-Octadecane (C18)	11.393	1877700	18.659 ug/ml
10) T n-Eicosane (C20)	12.705	1827934	18.584 ug/ml
11) T n-Heneicosane (C21)	13.318	1812172	18.595 ug/ml
13) T n-Docosane (C22)	13.904	1805629	18.693 ug/ml
14) T n-Tetracosane (C24)	15.010	1792800	18.835 ug/ml
15) T n-Hexacosane (C26)	16.032	1787565	19.138 ug/ml
16) T n-Octacosane (C28)	16.983	1810913	19.779 ug/ml
17) T n-Tricontane (C30)	17.872	1901486	20.684 ug/ml
18) T n-Dotriacontane (C32)	18.706	1952076	21.281 ug/ml
19) T n-Tetratriacontane (C34)	19.492	1918992	21.480 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1951259	21.783 ug/ml
21) T n-Octatriacontane (C38)	21.012	1945890	22.009 ug/ml
22) T n-Tetracontane (C40)	21.994	1952878	22.115 ug/ml

(f)=RT Delta > 1/2 Window

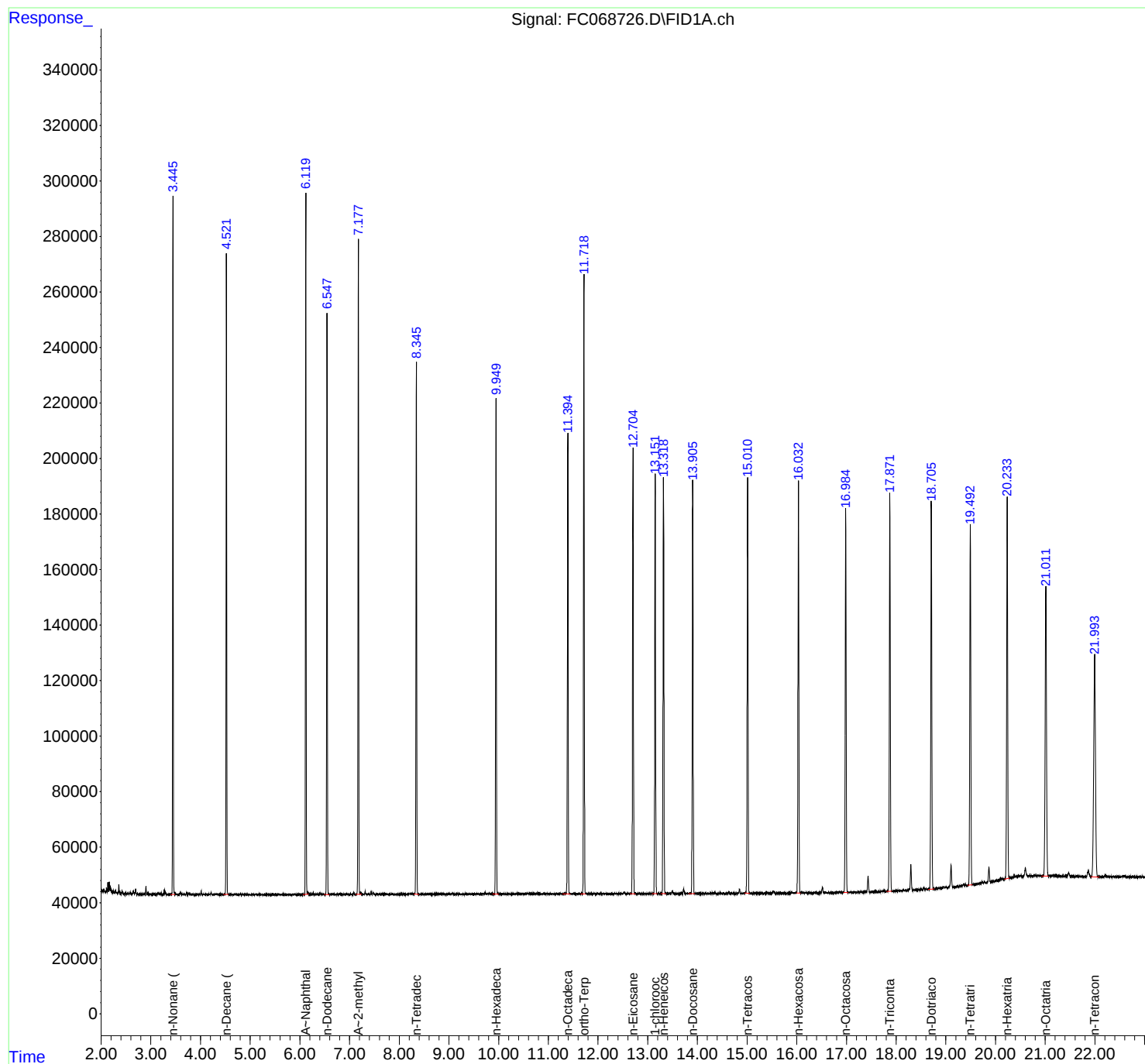
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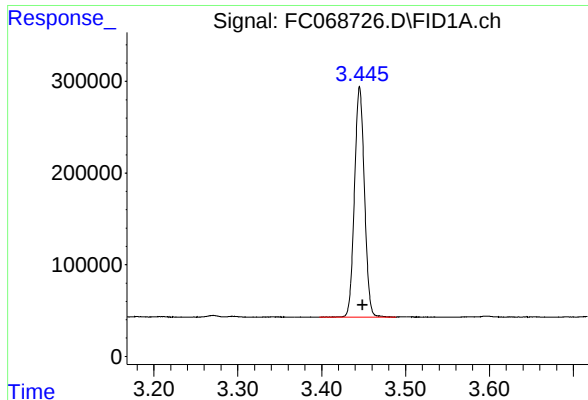
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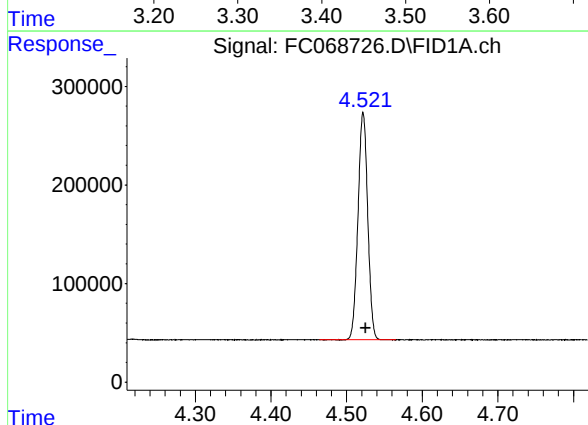




#1 n-Nonane (C9)

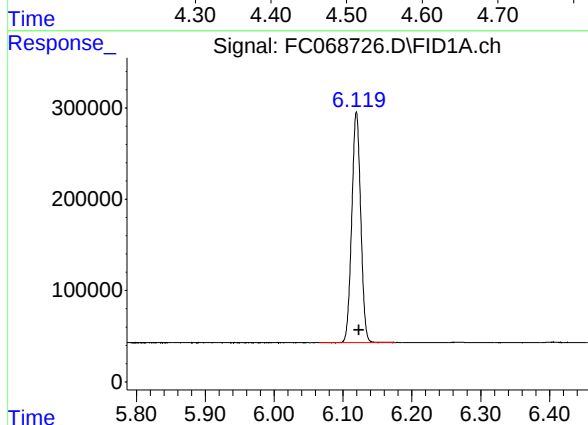
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2065564
Conc: 19.61 ug/ml

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20 PPM ALIPHATIC HC STD



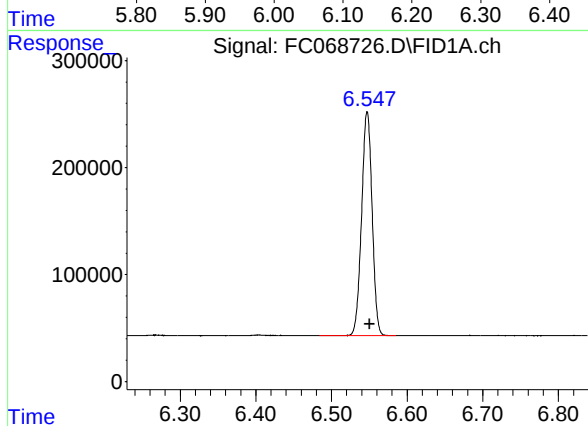
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 2062048
Conc: 19.57 ug/ml



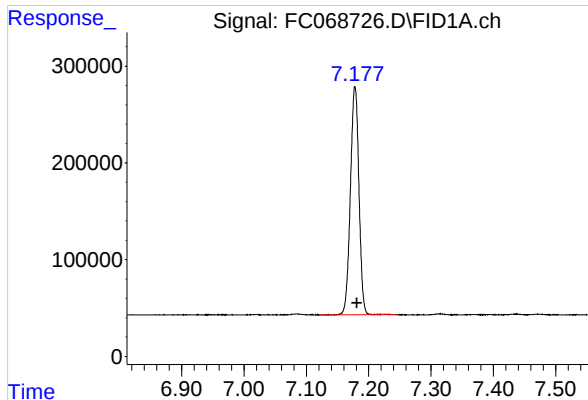
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 2286712
Conc: 19.64 ug/ml



#4 n-Dodecane (C12)

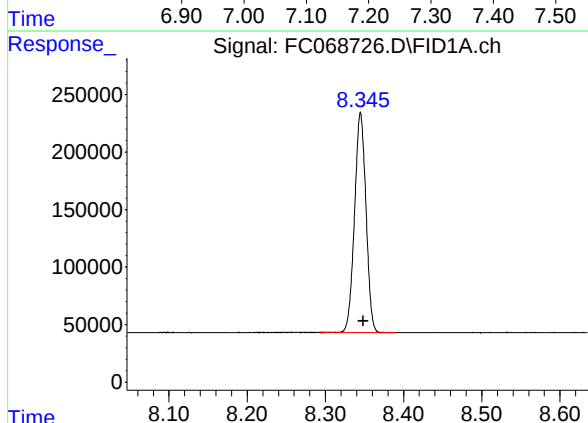
R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 2024850
Conc: 19.25 ug/ml



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

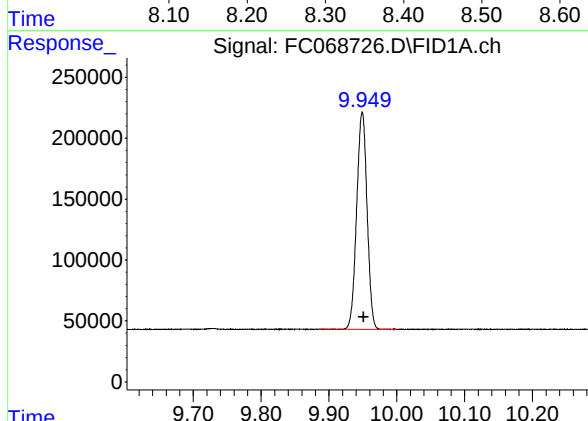
R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 2249494
Conc: 19.48 ug/ml

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20 PPM ALIPHATIC HC STD



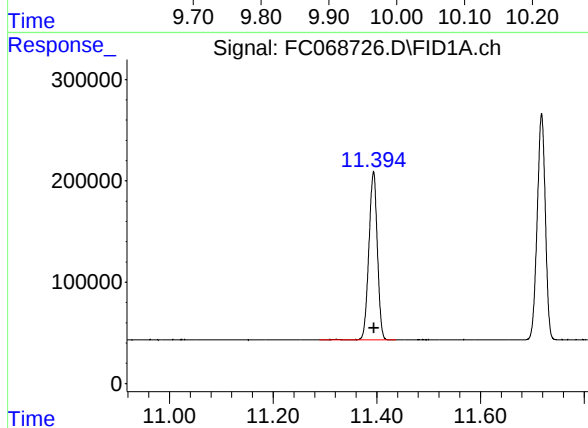
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 1943095
Conc: 18.90 ug/ml



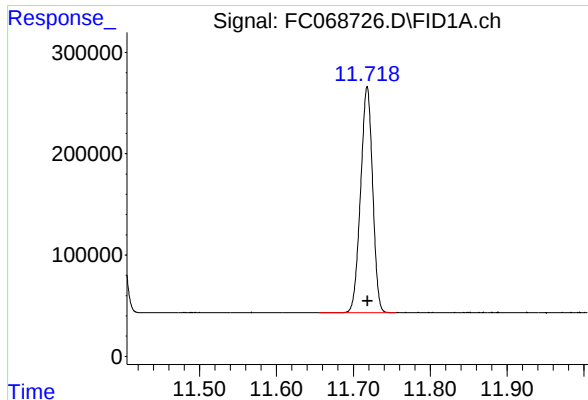
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: -0.002 min
Response: 1903994
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

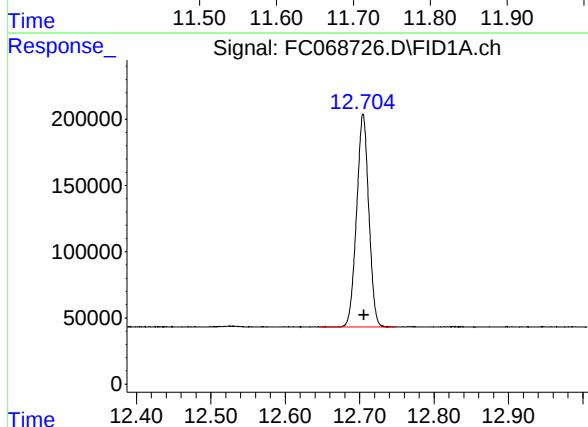
R.T.: 11.393 min
Delta R.T.: -0.001 min
Response: 1877700
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

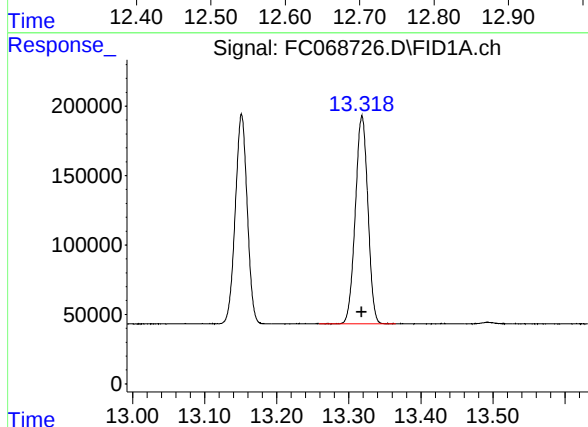
R.T.: 11.718 min
Delta R.T.: 0.000 min
Response: 2426370
Conc: 19.05 ug/ml

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20 PPM ALIPHATIC HC STD



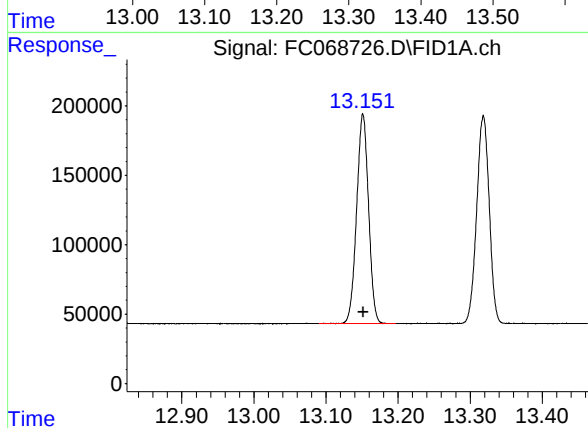
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: -0.001 min
Response: 1827934
Conc: 18.58 ug/ml



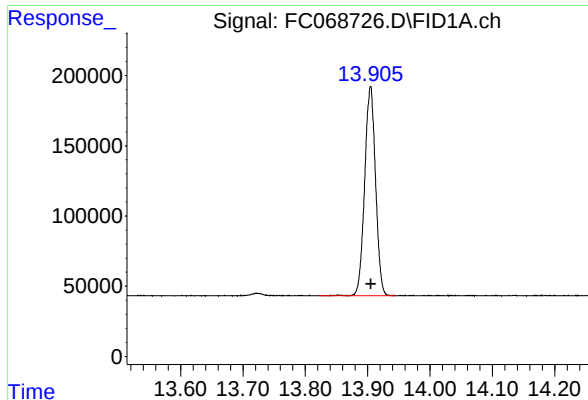
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 1812172
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURR)

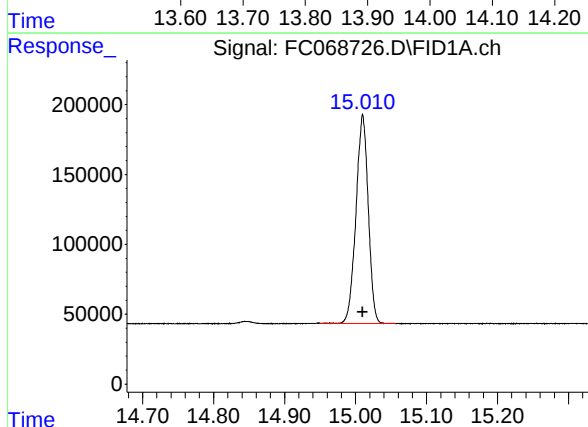
R.T.: 13.151 min
Delta R.T.: 0.000 min
Response: 1733558
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

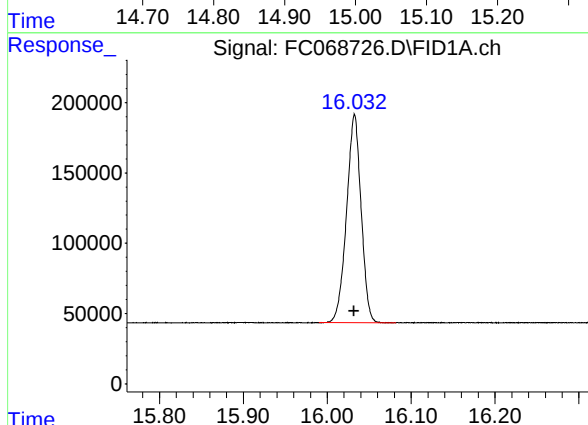
R.T.: 13.904 min
Delta R.T.: 0.000 min
Response: 1805629
Conc: 18.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



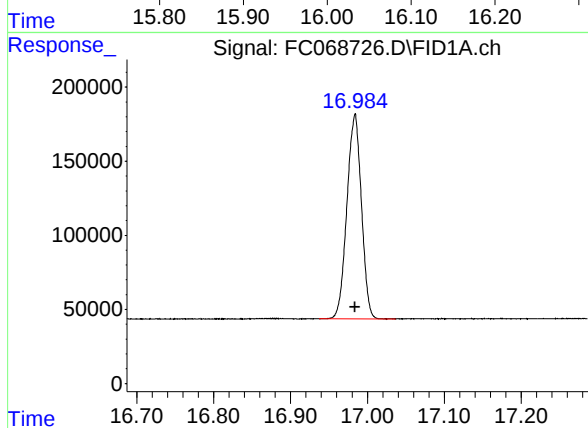
#14 n-Tetracosane (C24)

R.T.: 15.010 min
Delta R.T.: 0.000 min
Response: 1792800
Conc: 18.84 ug/ml



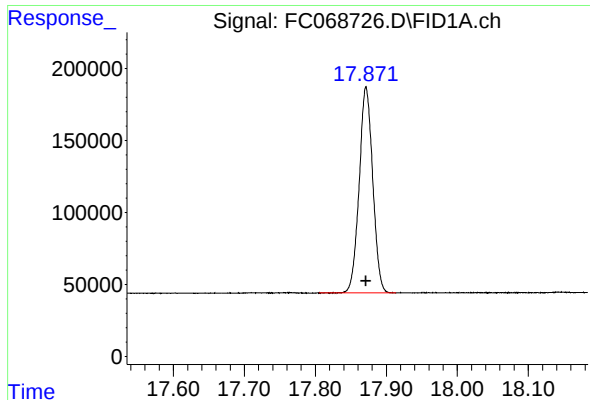
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.000 min
Response: 1787565
Conc: 19.14 ug/ml



#16 n-Octacosane (C28)

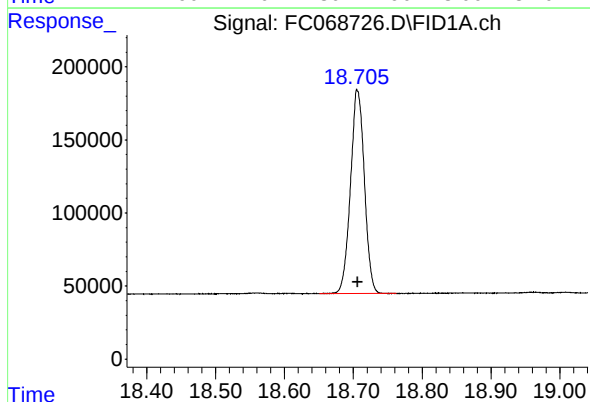
R.T.: 16.983 min
Delta R.T.: 0.000 min
Response: 1810913
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

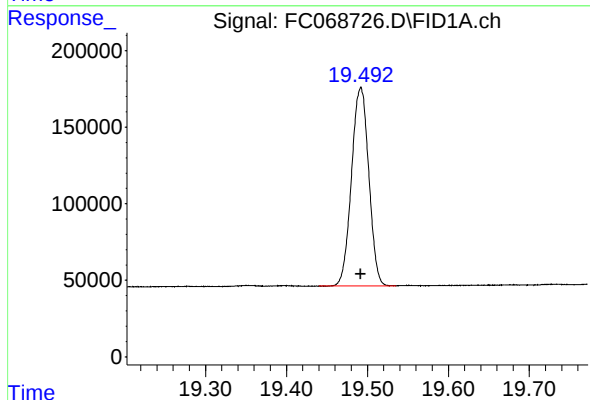
R.T.: 17.872 min
Delta R.T.: 0.000 min
Response: 1901486
Conc: 20.68 ug/ml

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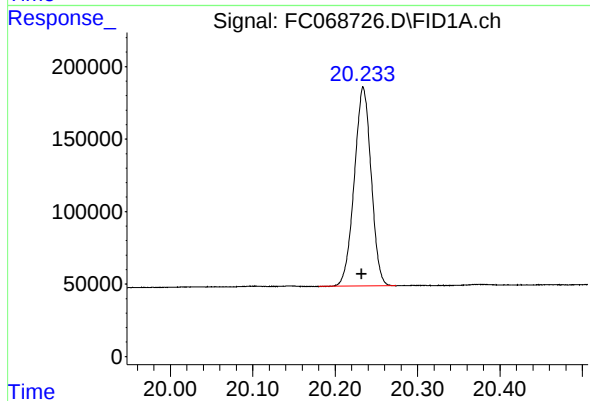
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 1952076
Conc: 21.28 ug/ml



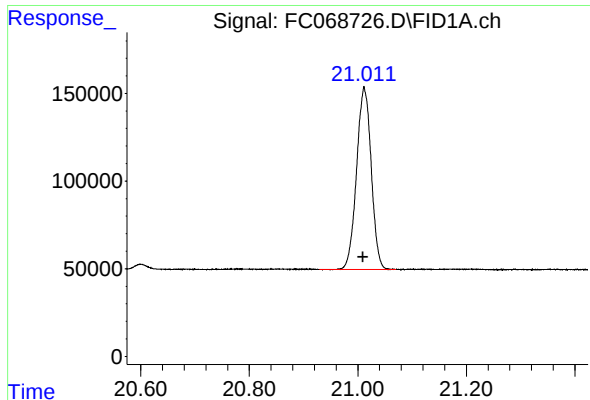
#19 n-Tetratriacontane (C34)

R.T.: 19.492 min
Delta R.T.: 0.000 min
Response: 1918992
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

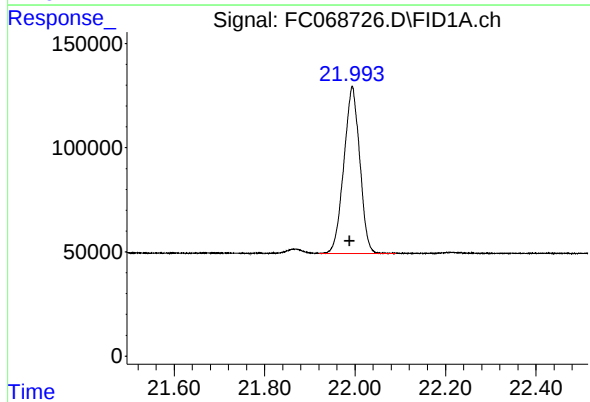
R.T.: 20.234 min
Delta R.T.: 0.002 min
Response: 1951259
Conc: 21.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.012 min
Delta R.T.: 0.002 min
Response: 1945890
Conc: 22.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.005 min
Response: 1952878
Conc: 22.11 ug/ml