

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042925AL\
 Data File : FC068715.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 12:02
 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 04:31:15 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	2461591	19.331 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
12) S 1-chlorooctadecane (S...	13.150	1757549	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T n-Nonane (C9)	3.446	2061301	19.571 ug/ml
2) T n-Decane (C10)	4.523	2061516	19.566 ug/ml
3) T A~Naphthalene (C11.7)	6.121	2281372	19.589 ug/ml
4) T n-Dodecane (C12)	6.548	2039093	19.390 ug/ml
5) T A~2-methylnaphthalene...	7.179	2244540	19.434 ug/ml
6) T n-Tetradecane (C14)	8.346	1968587	19.149 ug/ml
7) T n-Hexadecane (C16)	9.949	1936175	19.012 ug/ml
8) T n-Octadecane (C18)	11.394	1910002	18.980 ug/ml
10) T n-Eicosane (C20)	12.704	1870080	19.013 ug/ml
11) T n-Heneicosane (C21)	13.318	1857296	19.058 ug/ml
13) T n-Docosane (C22)	13.905	1846293	19.114 ug/ml
14) T n-Tetracosane (C24)	15.009	1838395	19.314 ug/ml
15) T n-Hexacosane (C26)	16.031	1828096	19.572 ug/ml
16) T n-Octacosane (C28)	16.984	1843667	20.137 ug/ml
17) T n-Tricontane (C30)	17.873	1927017	20.961 ug/ml
18) T n-Dotriacontane (C32)	18.707	1970979	21.487 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1934621	21.655 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1956542	21.842 ug/ml
21) T n-Octatriacontane (C38)	21.009	1939155	21.933 ug/ml
22) T n-Tetracontane (C40)	21.989	1926259	21.813 ug/ml

(f)=RT Delta > 1/2 Window

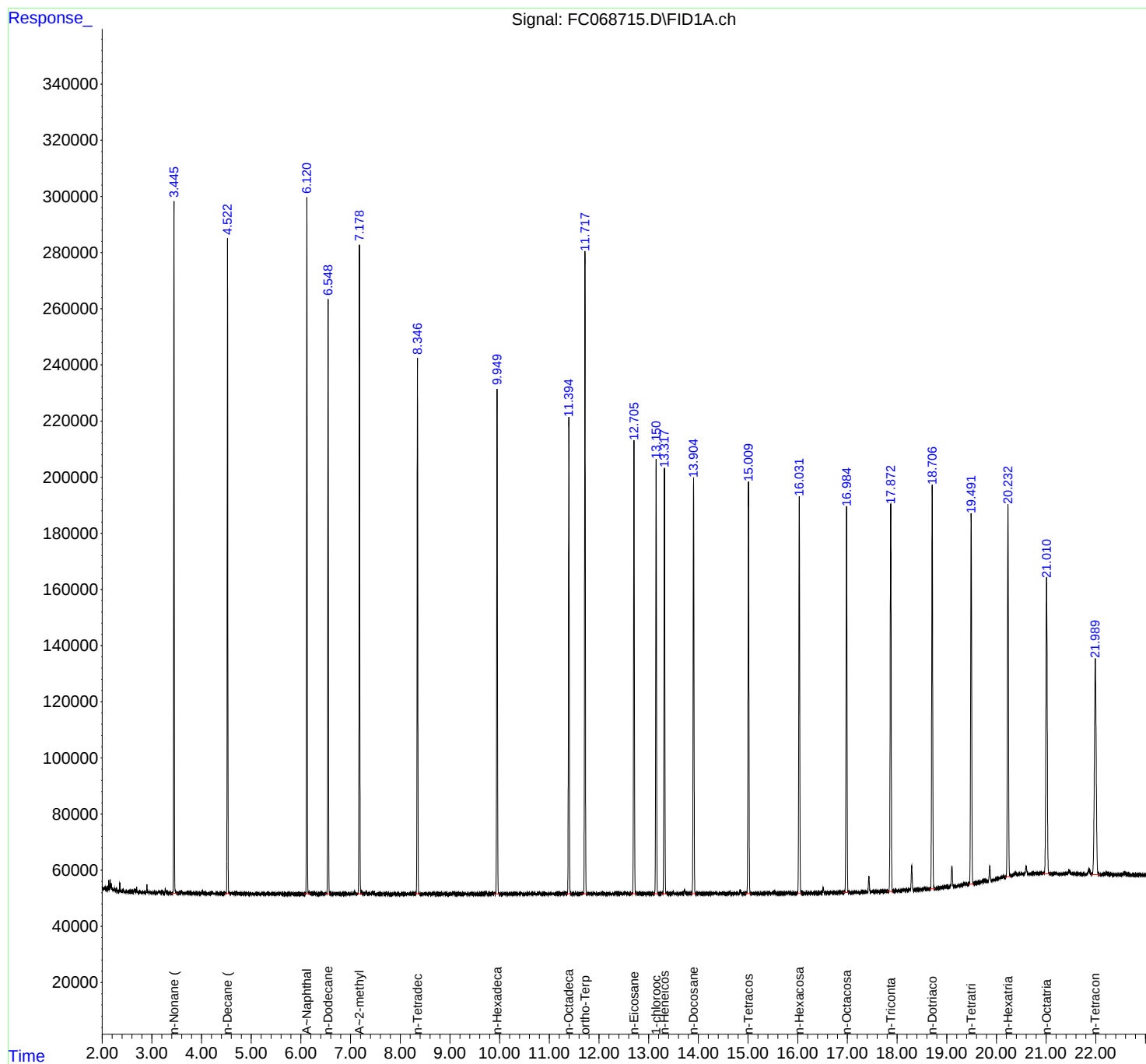
(m)=manual int.

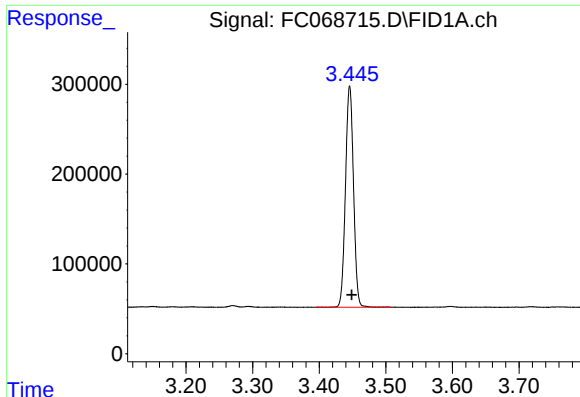
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042925AL\
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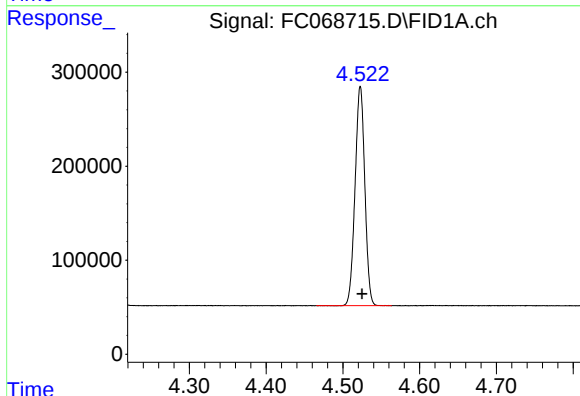




#1 n-Nonane (C9)

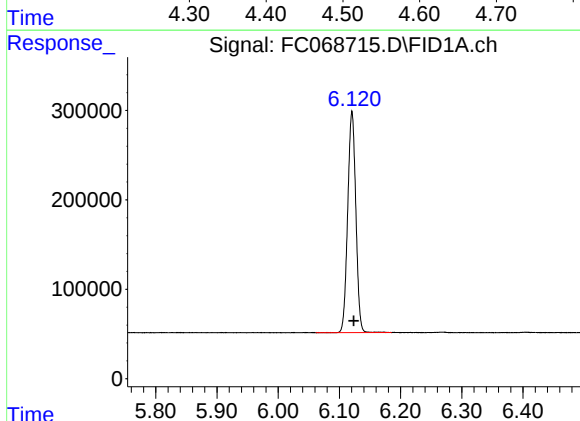
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2061301
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



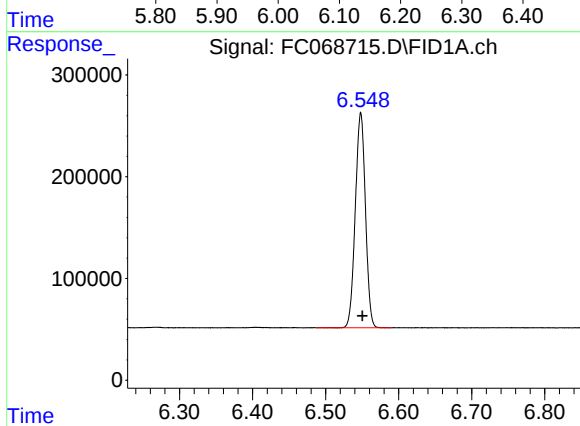
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 2061516
Conc: 19.57 ug/ml



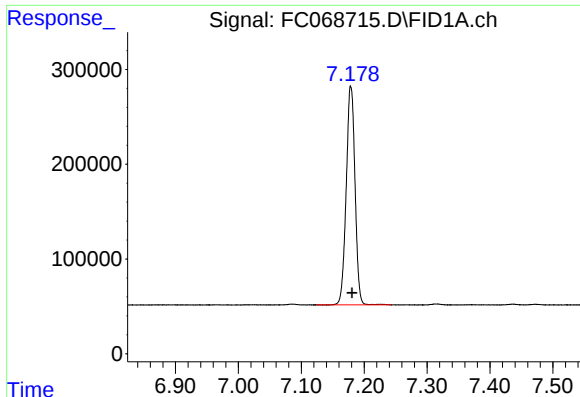
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 2281372
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

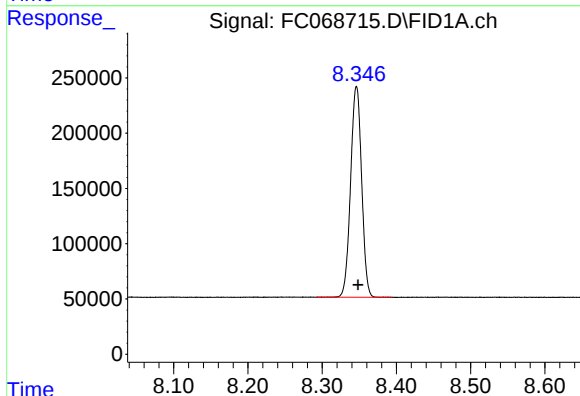
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 2039093
Conc: 19.39 ug/ml



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

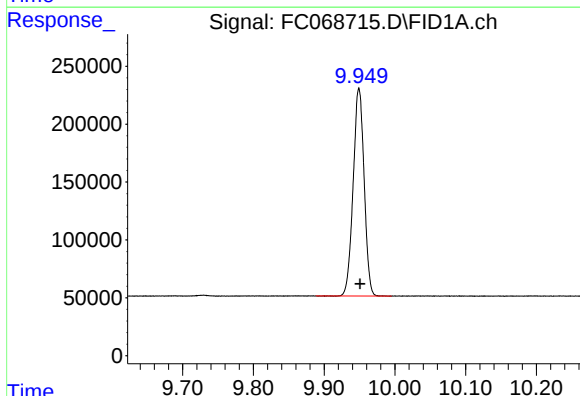
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 2244540
Conc: 19.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



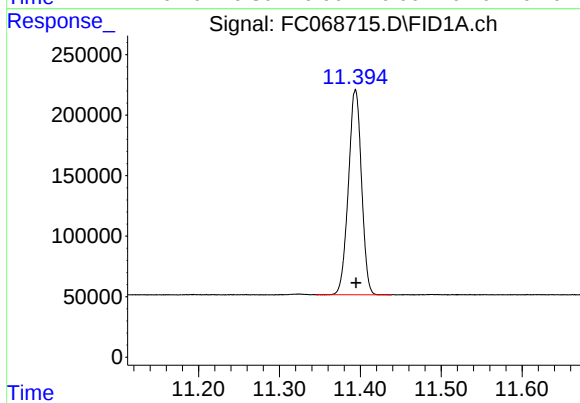
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 1968587
Conc: 19.15 ug/ml



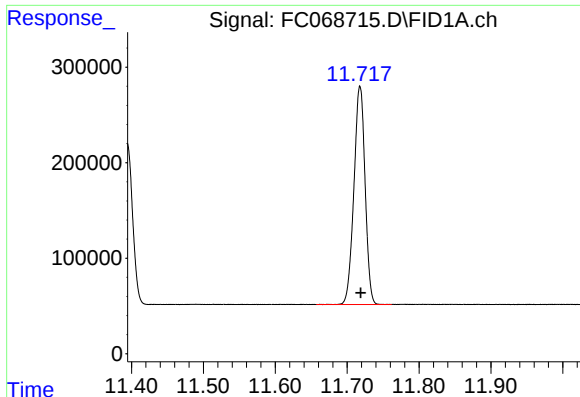
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: -0.002 min
Response: 1936175
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

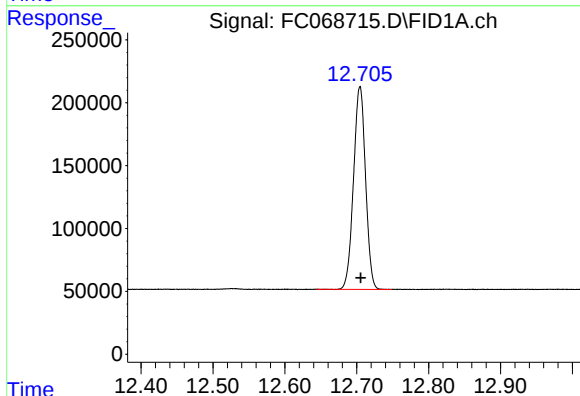
R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 1910002
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

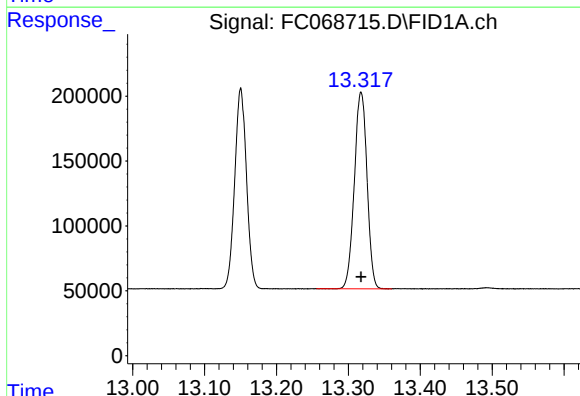
R.T.: 11.718 min
Delta R.T.: 0.000 min
Response: 2461591
Conc: 19.33 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



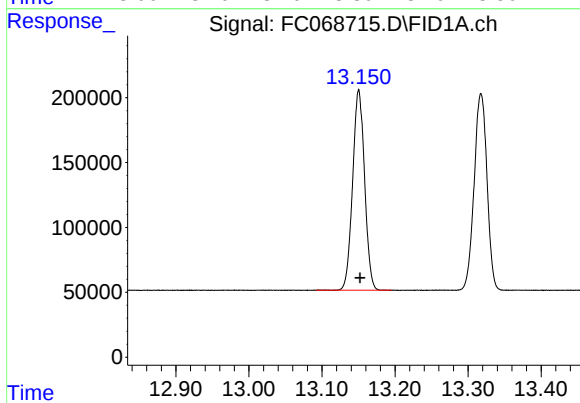
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.001 min
Response: 1870080
Conc: 19.01 ug/ml



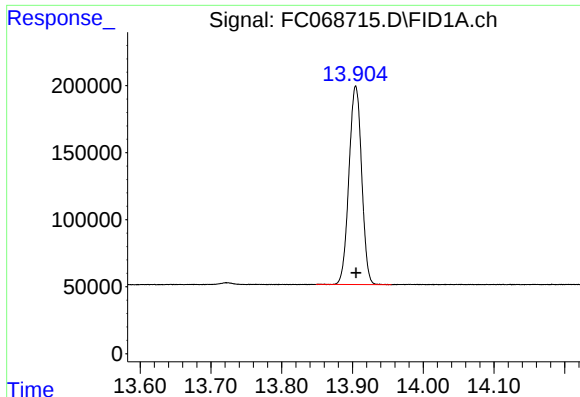
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 1857296
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

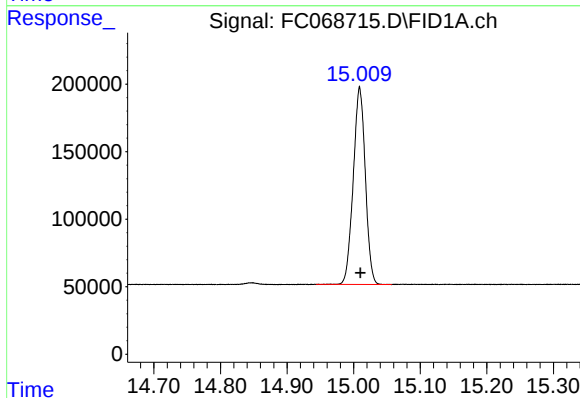
R.T.: 13.150 min
Delta R.T.: -0.001 min
Response: 1757549
Conc: 18.92 ug/ml



#13 n-Docosane (C22)

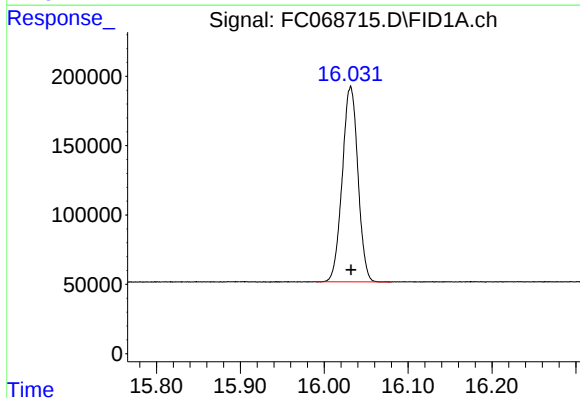
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 1846293
Conc: 19.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



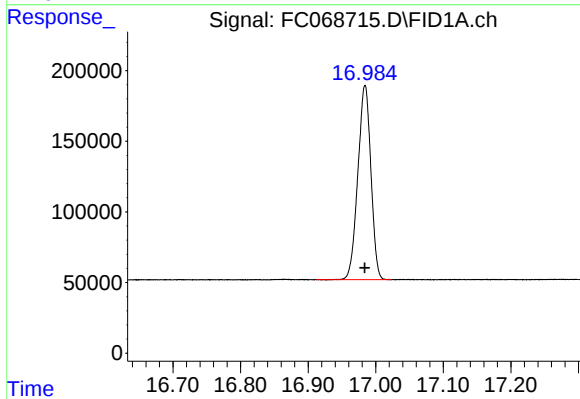
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.000 min
Response: 1838395
Conc: 19.31 ug/ml



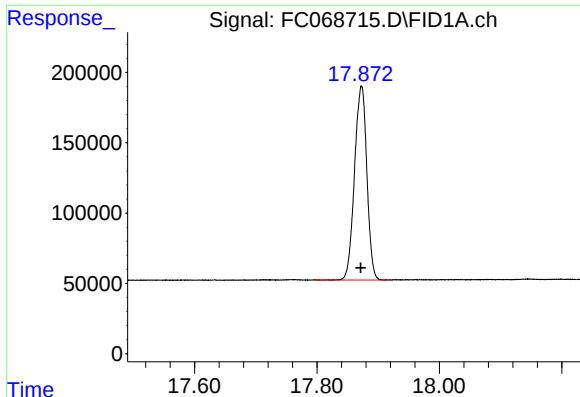
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: 0.000 min
Response: 1828096
Conc: 19.57 ug/ml



#16 n-Octacosane (C28)

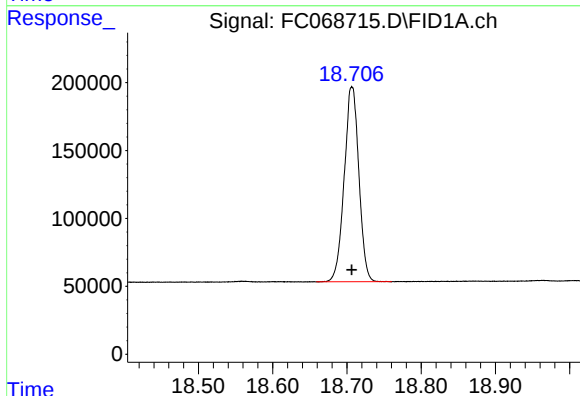
R.T.: 16.984 min
Delta R.T.: 0.000 min
Response: 1843667
Conc: 20.14 ug/ml



#17 n-Tricontane (C30)

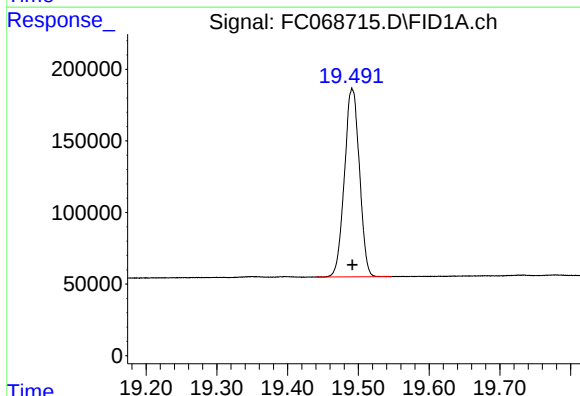
R.T.: 17.873 min
Delta R.T.: 0.001 min
Response: 1927017
Conc: 20.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



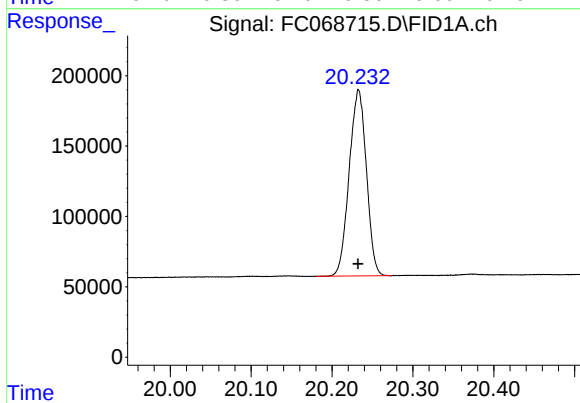
#18 n-Dotriacontane (C32)

R.T.: 18.707 min
Delta R.T.: 0.000 min
Response: 1970979
Conc: 21.49 ug/ml



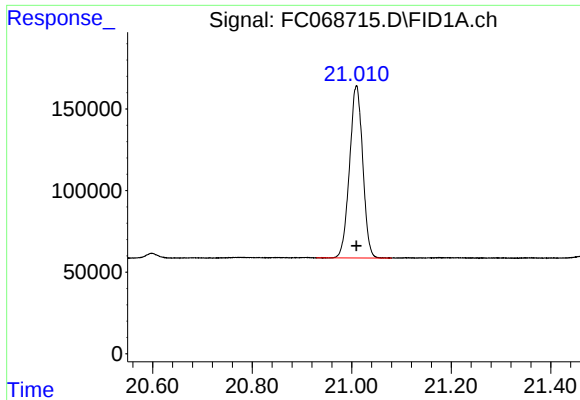
#19 n-Tetratriacontane (C34)

R.T.: 19.491 min
Delta R.T.: 0.000 min
Response: 1934621
Conc: 21.65 ug/ml



#20 n-Hexatriacontane (C36)

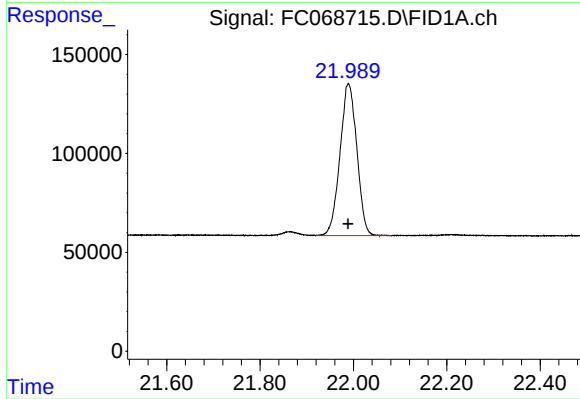
R.T.: 20.233 min
Delta R.T.: 0.000 min
Response: 1956542
Conc: 21.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.000 min
Response: 1939155
Conc: 21.93 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: 0.000 min
Response: 1926259
Conc: 21.81 ug/ml