

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
 Data File : FC068648.D
 Signal(s) : FID1A.ch
 Acq On : 19 Apr 2025 00:44
 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 01:25:12 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	2322795	18.241 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
12) S 1-chlorooctadecane (S...	13.153	1701412	18.316 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T n-Nonane (C9)	3.446	2076200	19.713 ug/ml
2) T n-Decane (C10)	4.523	2117871	20.101 ug/ml
3) T A~Naphthalene (C11.7)	6.121	2344018	20.127 ug/ml
4) T n-Dodecane (C12)	6.548	2085408	19.830 ug/ml
5) T A~2-methylnaphthalene...	7.179	2241209	19.405 ug/ml
6) T n-Tetradecane (C14)	8.346	2011874	19.570 ug/ml
7) T n-Hexadecane (C16)	9.950	2027547	19.909 ug/ml
8) T n-Octadecane (C18)	11.394	2026700	20.140 ug/ml
10) T n-Eicosane (C20)	12.705	1930261	19.624 ug/ml
11) T n-Heneicosane (C21)	13.318	1898001	19.475 ug/ml
13) T n-Docosane (C22)	13.905	1889741	19.564 ug/ml
14) T n-Tetracosane (C24)	15.010	1896473	19.924 ug/ml
15) T n-Hexacosane (C26)	16.034	1888885	20.223 ug/ml
16) T n-Octacosane (C28)	16.985	1909630	20.857 ug/ml
17) T n-Tricontane (C30)	17.875	2030374	22.086 ug/ml
18) T n-Dotriacontane (C32)	18.708	2017724	21.997 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1864257	20.867 ug/ml
20) T n-Hexatriacontane (C36)	20.235	1640487	18.313 ug/ml
21) T n-Octatriacontane (C38)	21.012	1502037	16.989 ug/ml
22) T n-Tetracontane (C40)	21.996	1433038	16.228 ug/ml

(f)=RT Delta > 1/2 Window

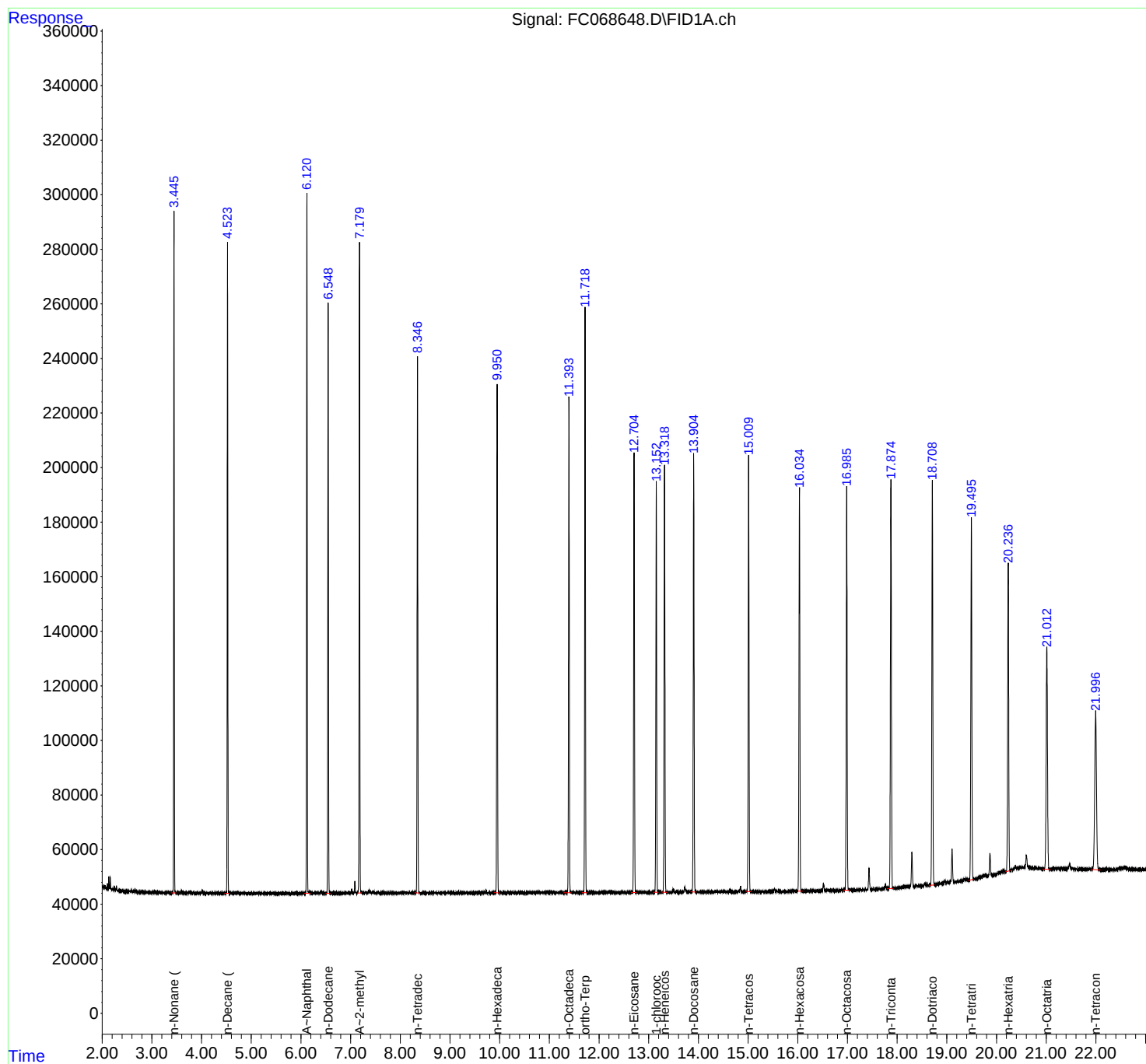
(m)=manual int.

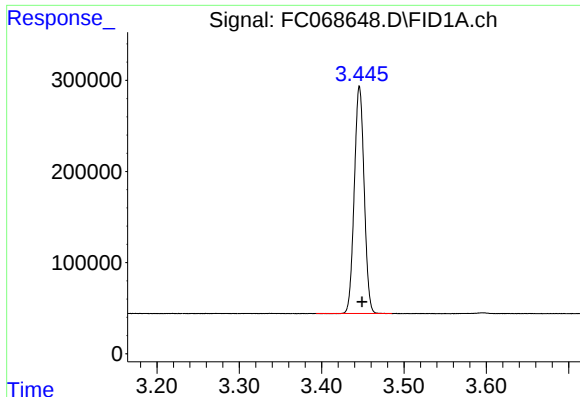
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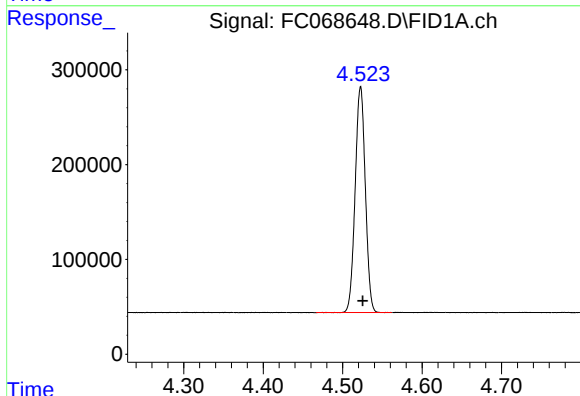




#1 n-Nonane (C9)

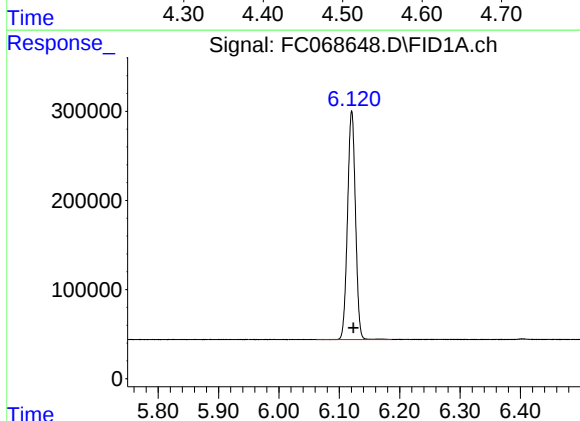
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2076200
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



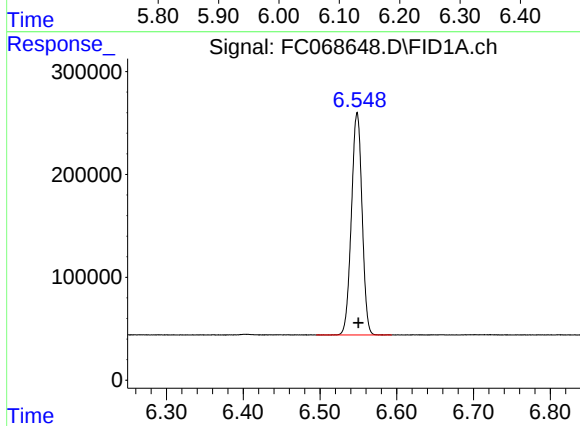
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 2117871
Conc: 20.10 ug/ml



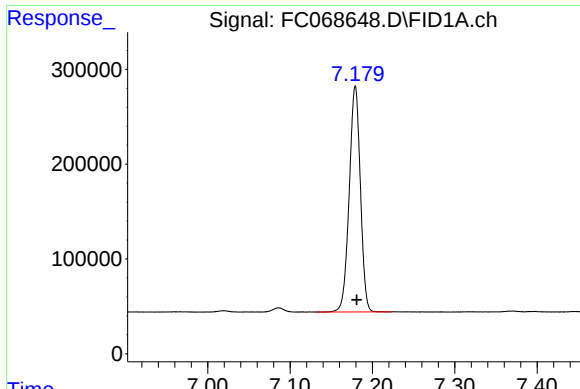
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 2344018
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

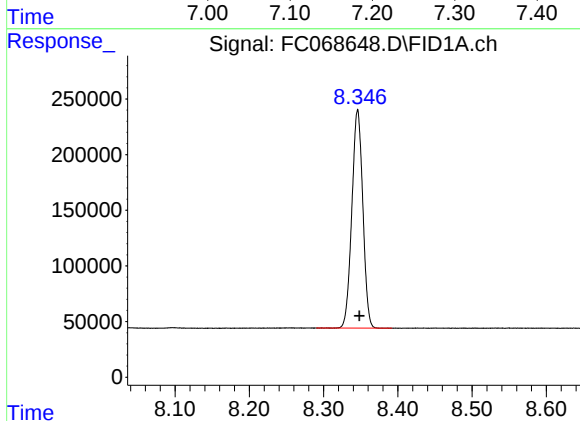
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 2085408
Conc: 19.83 ug/ml



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

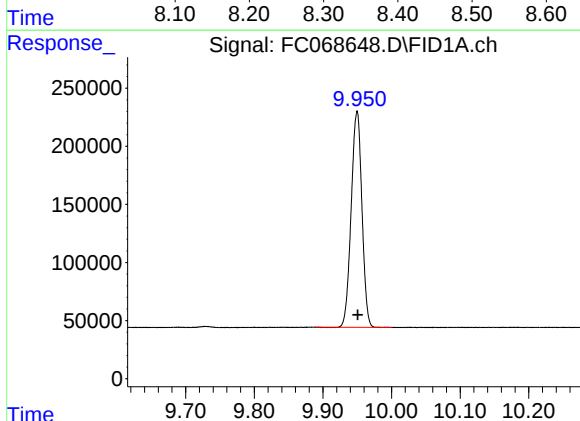
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 2241209
Conc: 19.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



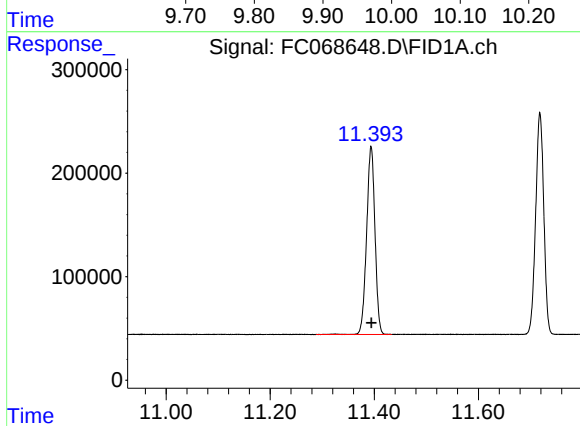
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 2011874
Conc: 19.57 ug/ml



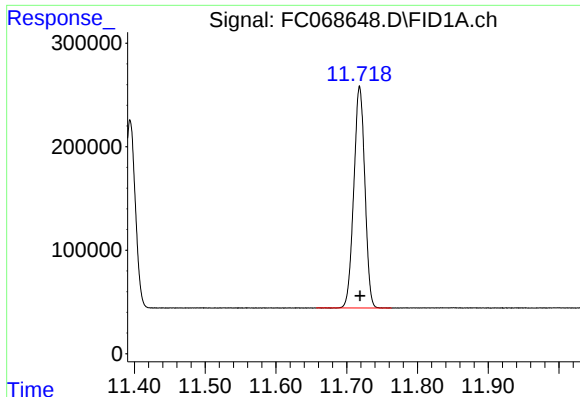
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: -0.001 min
Response: 2027547
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

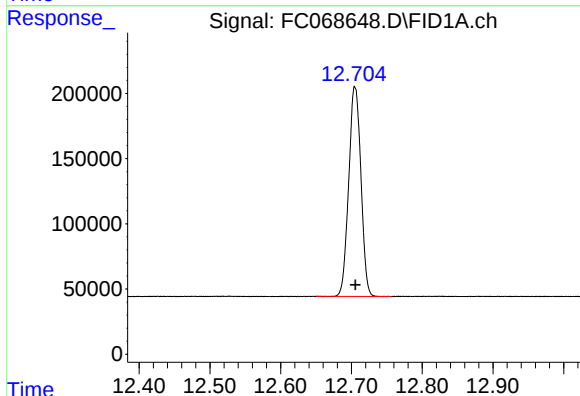
R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 2026700
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

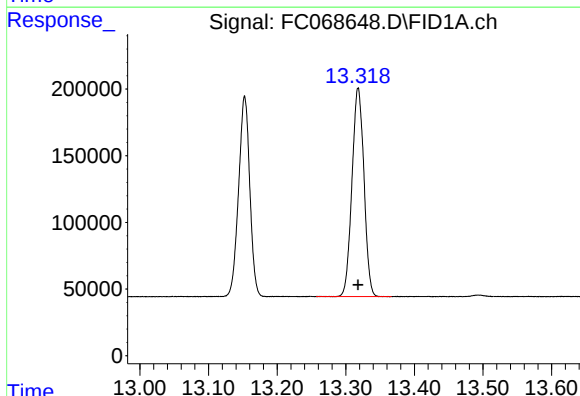
R.T.: 11.718 min
Delta R.T.: 0.000 min
Response: 2322795
Conc: 18.24 ug/ml

Instrument :
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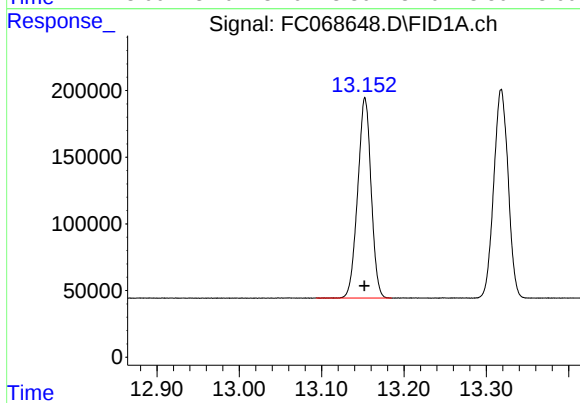
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: 0.000 min
Response: 1930261
Conc: 19.62 ug/ml



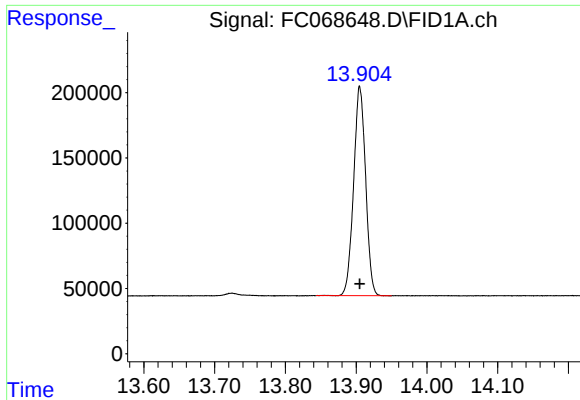
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 1898001
Conc: 19.48 ug/ml



#12 1-chlorooctadecane (SURR)

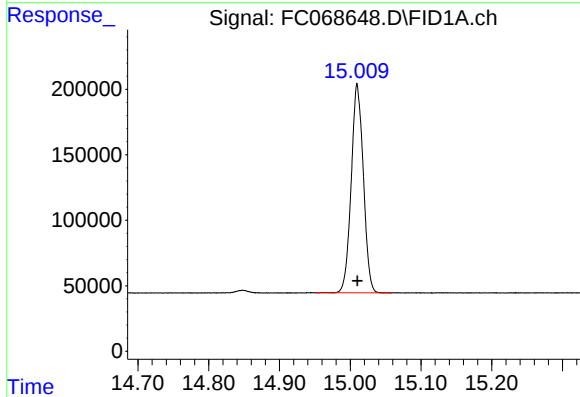
R.T.: 13.153 min
Delta R.T.: 0.000 min
Response: 1701412
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

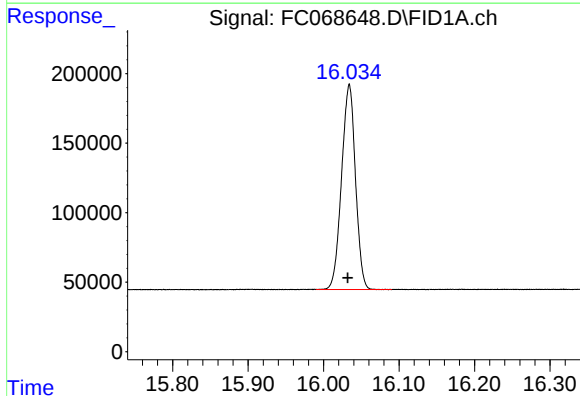
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 1889741
Conc: 19.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



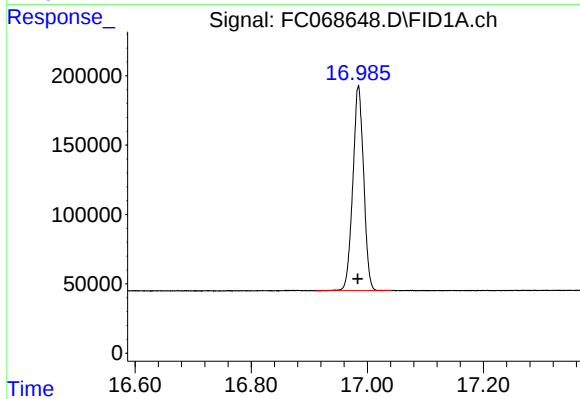
#14 n-Tetracosane (C24)

R.T.: 15.010 min
Delta R.T.: 0.000 min
Response: 1896473
Conc: 19.92 ug/ml



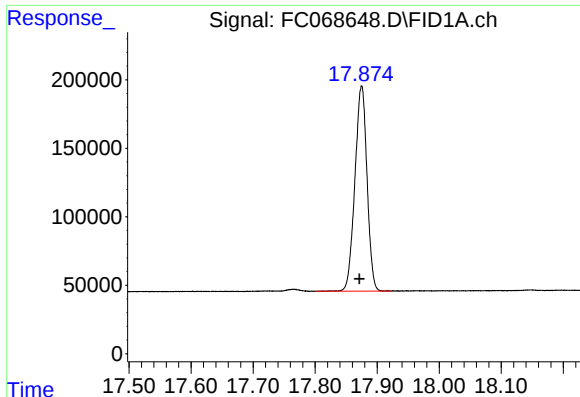
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.002 min
Response: 1888885
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

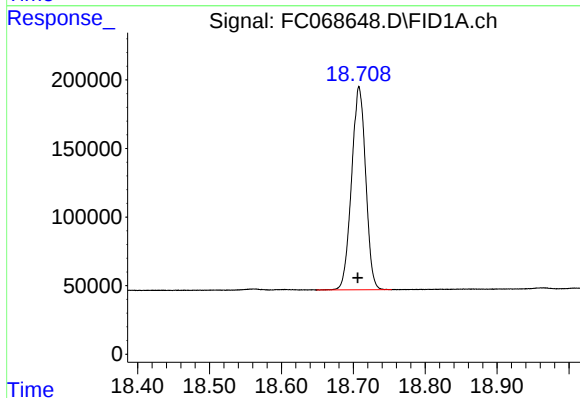
R.T.: 16.985 min
Delta R.T.: 0.001 min
Response: 1909630
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

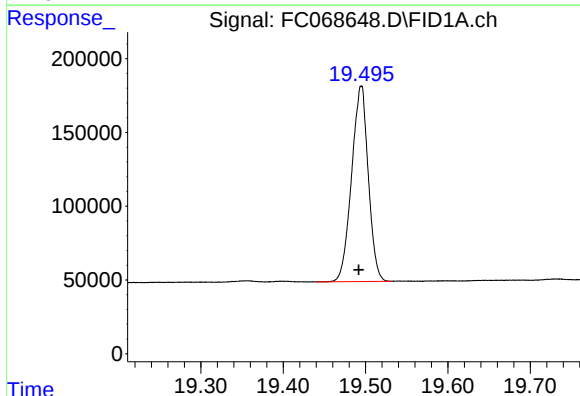
R.T.: 17.875 min
Delta R.T.: 0.004 min
Response: 2030374
Conc: 22.09 ug/ml

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20 PPM ALIPHATIC HC STD



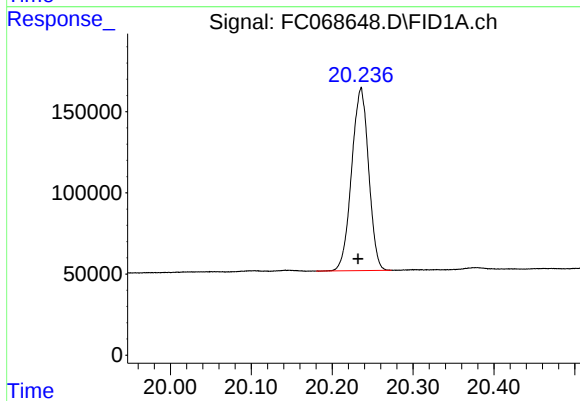
#18 n-Dotriacontane (C32)

R.T.: 18.708 min
Delta R.T.: 0.002 min
Response: 2017724
Conc: 22.00 ug/ml



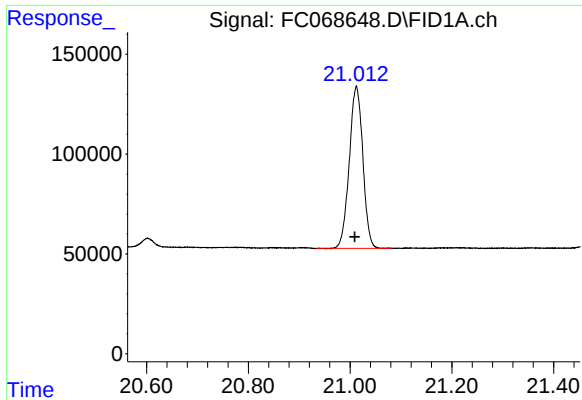
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: 0.003 min
Response: 1864257
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

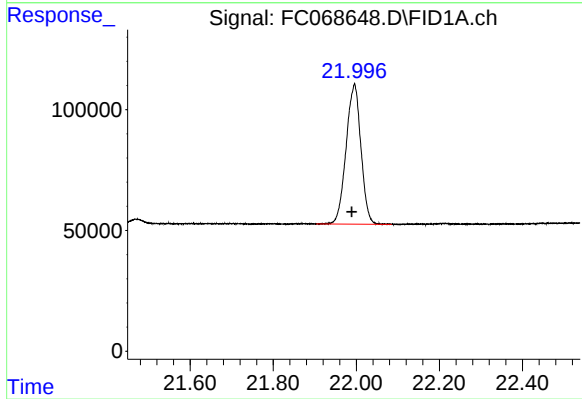
R.T.: 20.235 min
Delta R.T.: 0.003 min
Response: 1640487
Conc: 18.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.012 min
Delta R.T.: 0.003 min
Response: 1502037
Conc: 16.99 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: 0.007 min
Response: 1433038
Conc: 16.23 ug/ml