

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050423AL\
 Data File : FC063560.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2023 20:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 05 02:39:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:33:18 2023
 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)	11.526	3339759	21.103 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
12) S 1-chlorooctadecane (S...	12.963	2334758	21.618 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
Target Compounds			
1) T n-Nonane (C9)	3.296	2807654	21.309 ug/ml
2) T n-Decane (C10)	4.363	2840228	21.406 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2948717	21.629 ug/ml
4) T n-Dodecane (C12)	6.380	2837346	21.412 ug/ml
5) T A~2-methylnaphthalene...	7.003	2834660	22.126 ug/ml
6) T n-Tetradecane (C14)	8.174	2777026	21.632 ug/ml
7) T n-Hexadecane (C16)	9.773	2887063	21.743 ug/ml
8) T n-Octadecane (C18)	11.212	2929189	21.512 ug/ml
10) T n-Eicosane (C20)	12.520	2823584	21.479 ug/ml
11) T n-Heneicosane (C21)	13.130	2768899	21.375 ug/ml
13) T n-Docosane (C22)	13.715	2748037	21.298 ug/ml
14) T n-Tetracosane (C24)	14.816	2822018	21.577 ug/ml
15) T n-Hexacosane (C26)	15.833	2755952	21.390 ug/ml
16) T n-Octacosane (C28)	16.779	2684831	21.091 ug/ml
17) T n-Tricontane (C30)	17.665	2739737	21.055 ug/ml
18) T n-Dotriacontane (C32)	18.495	2721241	21.118 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2684258	21.420 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2464175	20.810 ug/ml
21) T n-Octatriacontane (C38)	20.741	2374707	20.322 ug/ml
22) T n-Tetracontane (C40)	21.632	2075698	18.305 ug/ml

(f)=RT Delta > 1/2 Window

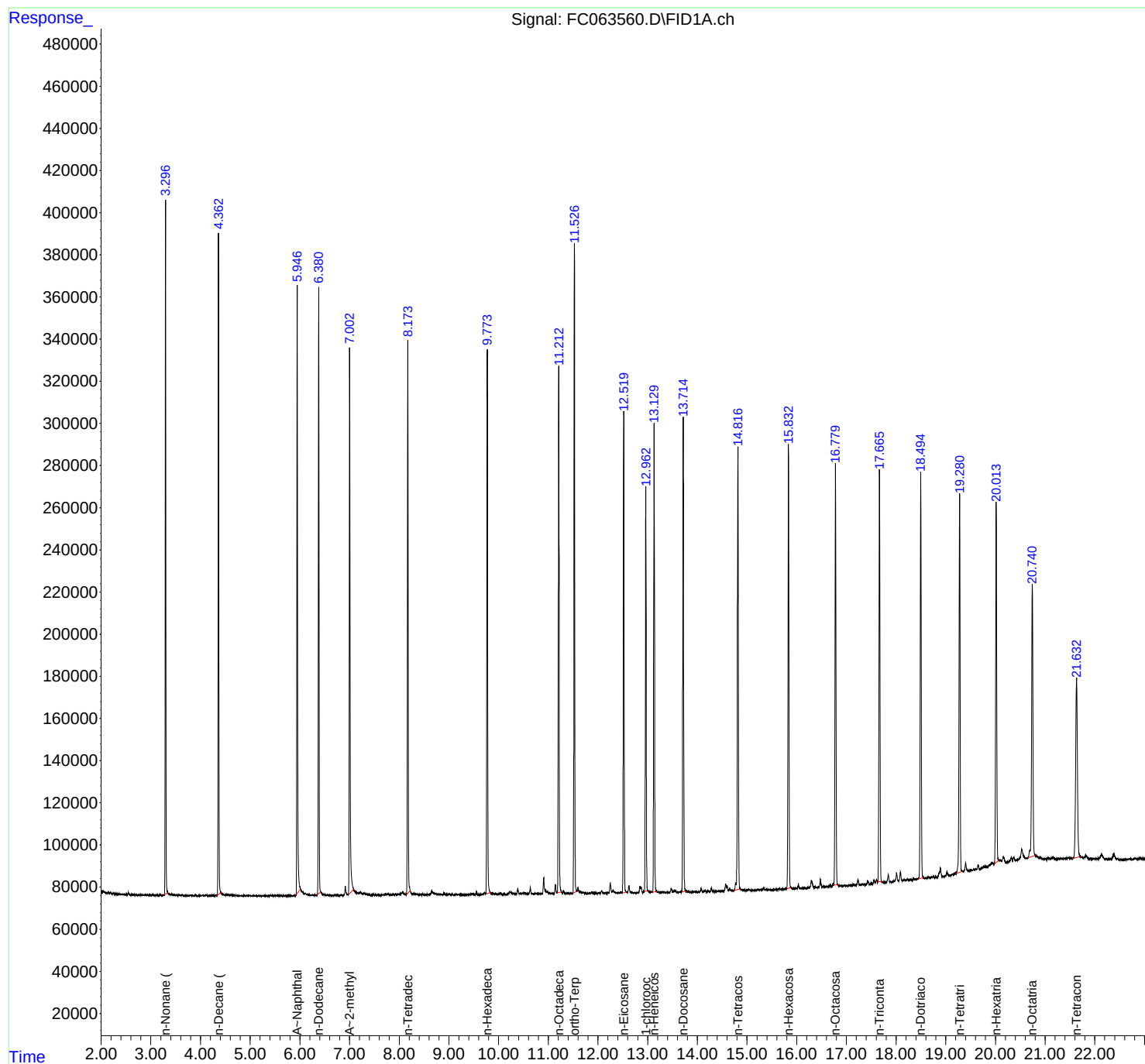
(m)=manual int.

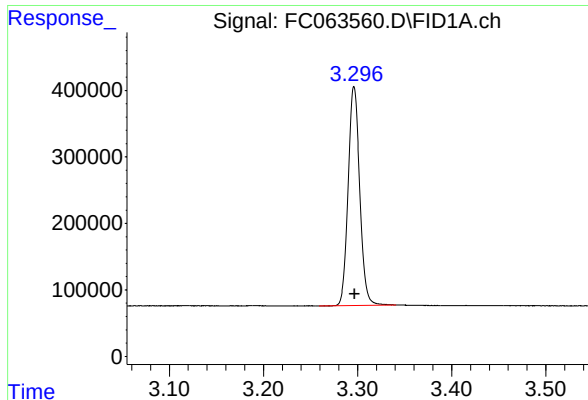
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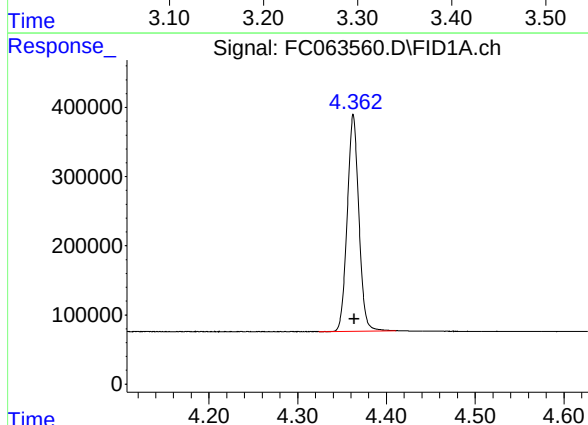




#1 n-Nonane (C9)

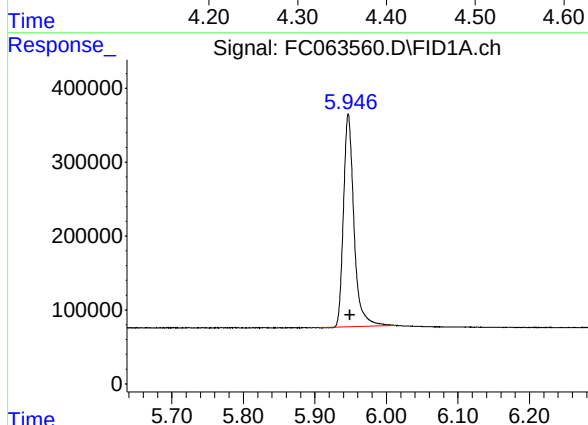
R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 2807654
Conc: 21.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



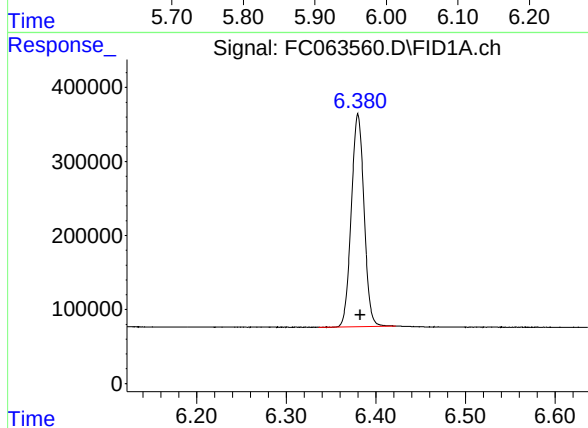
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 2840228
Conc: 21.41 ug/ml



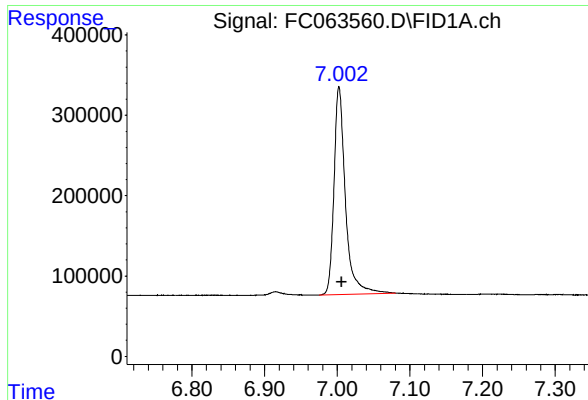
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 2948717
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

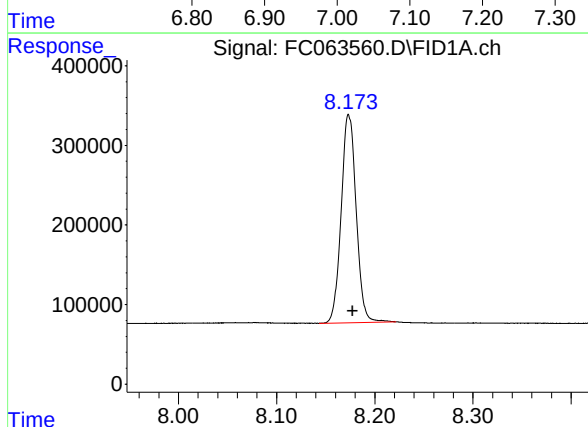
R.T.: 6.380 min
Delta R.T.: -0.003 min
Response: 2837346
Conc: 21.41 ug/ml



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

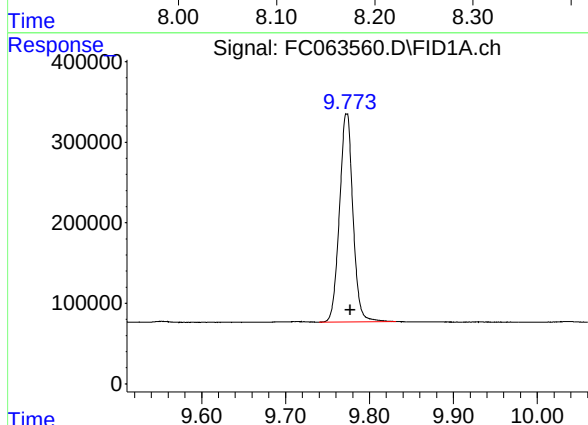
R.T.: 7.003 min
Delta R.T.: -0.004 min
Response: 2834660
Conc: 22.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



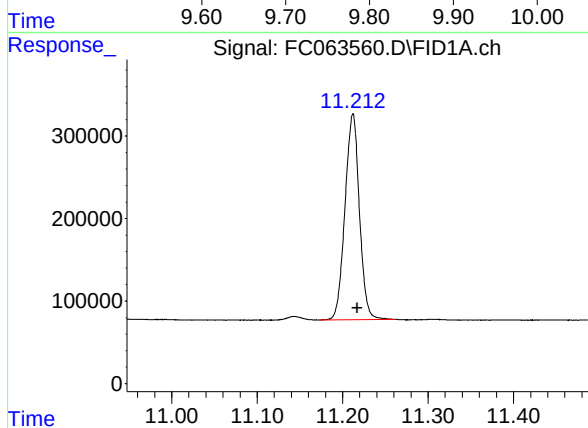
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 2777026
Conc: 21.63 ug/ml



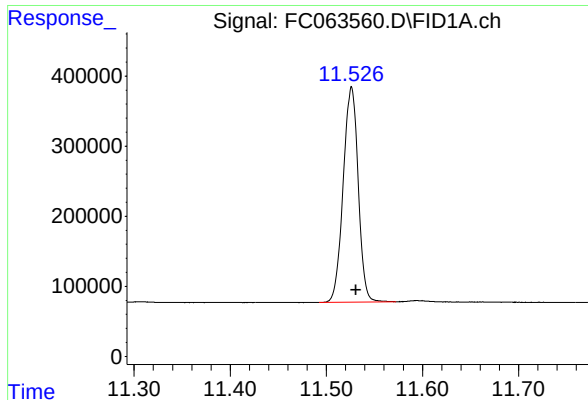
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.004 min
Response: 2887063
Conc: 21.74 ug/ml



#8 n-Octadecane (C18)

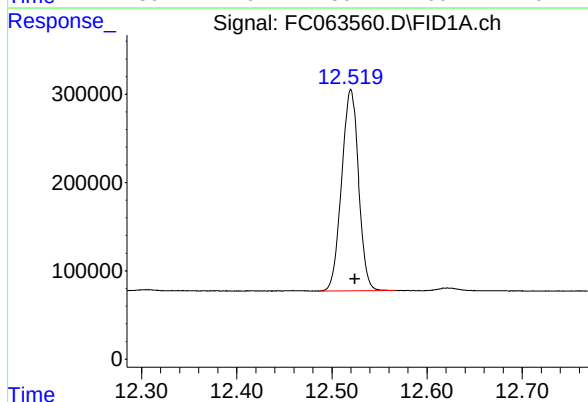
R.T.: 11.212 min
Delta R.T.: -0.005 min
Response: 2929189
Conc: 21.51 ug/ml



#9 ortho-Terphenyl (SURR)

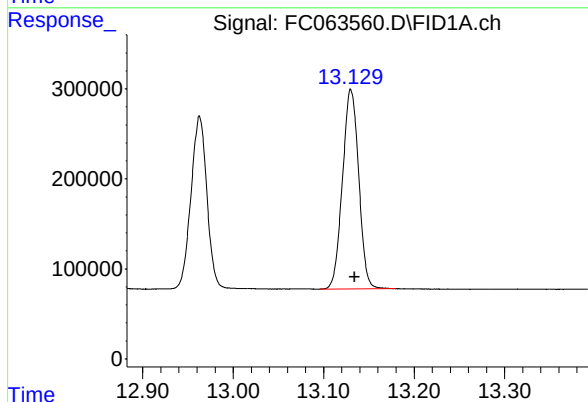
R.T.: 11.526 min
Delta R.T.: -0.005 min
Response: 3339759
Conc: 21.10 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



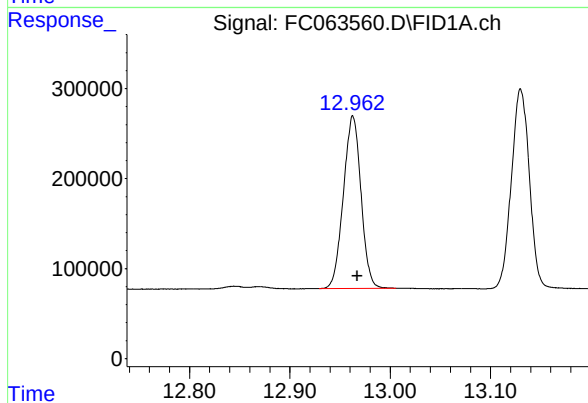
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.004 min
Response: 2823584
Conc: 21.48 ug/ml



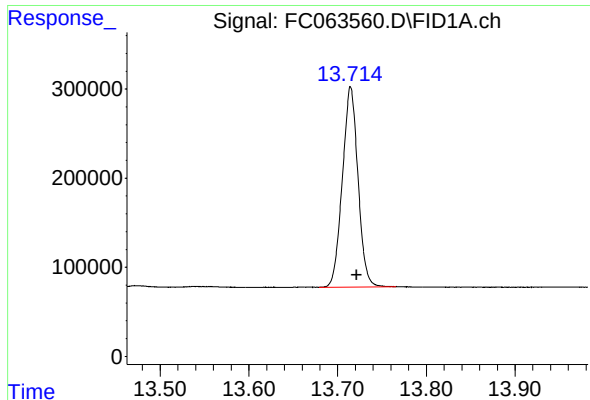
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.004 min
Response: 2768899
Conc: 21.38 ug/ml



#12 1-chlorooctadecane (SURR)

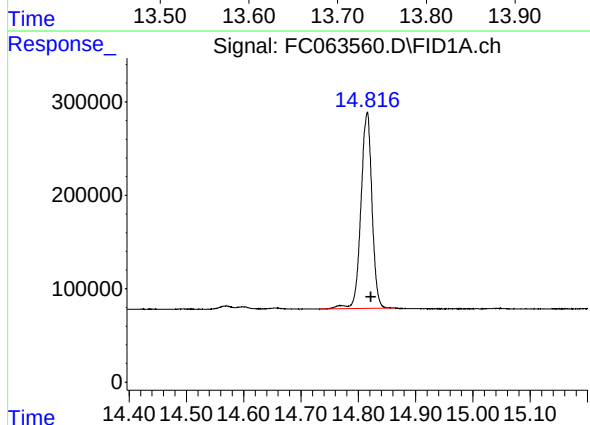
R.T.: 12.963 min
Delta R.T.: -0.004 min
Response: 2334758
Conc: 21.62 ug/ml



#13 n-Docosane (C22)

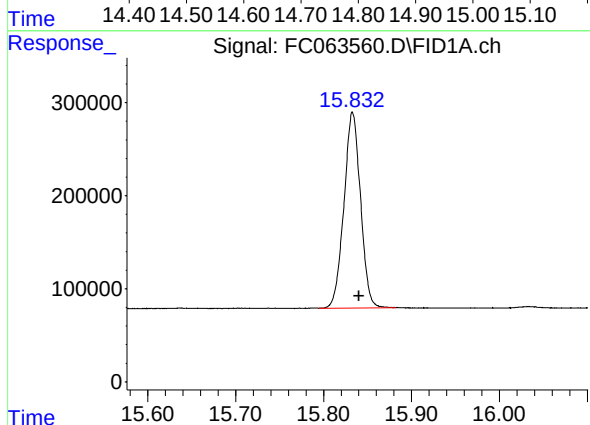
R.T.: 13.715 min
Delta R.T.: -0.007 min
Response: 2748037
Conc: 21.30 ug/ml

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20 PPM ALIPHATIC HC STD



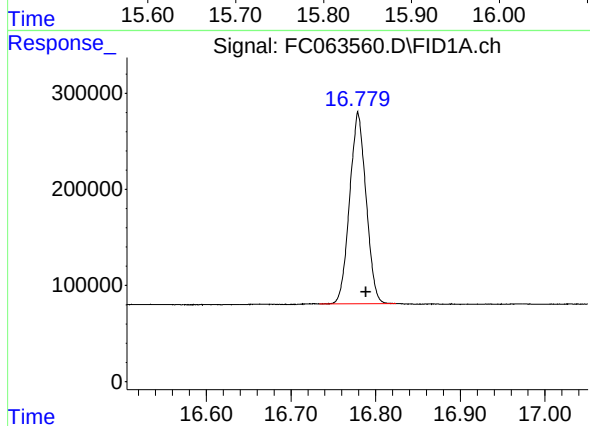
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.007 min
Response: 2822018
Conc: 21.58 ug/ml



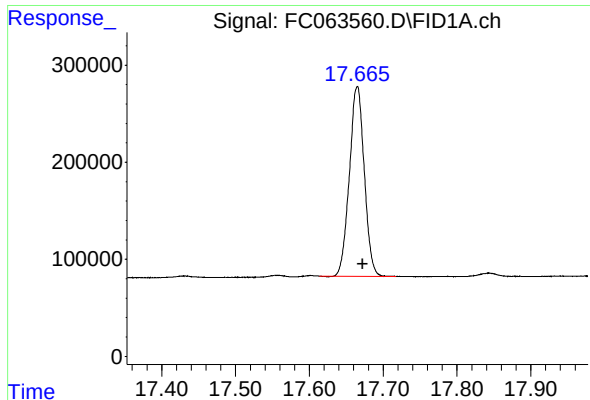
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: -0.007 min
Response: 2755952
Conc: 21.39 ug/ml



#16 n-Octacosane (C28)

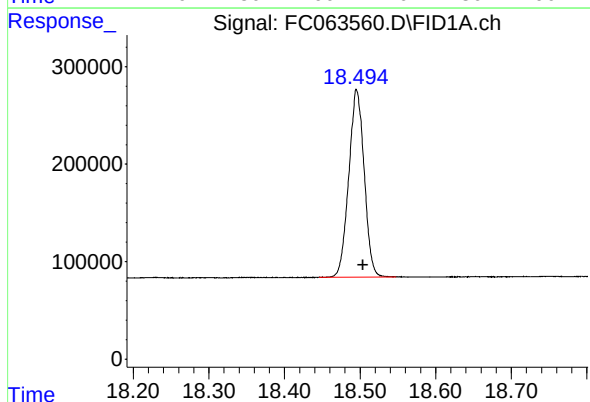
R.T.: 16.779 min
Delta R.T.: -0.010 min
Response: 2684831
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

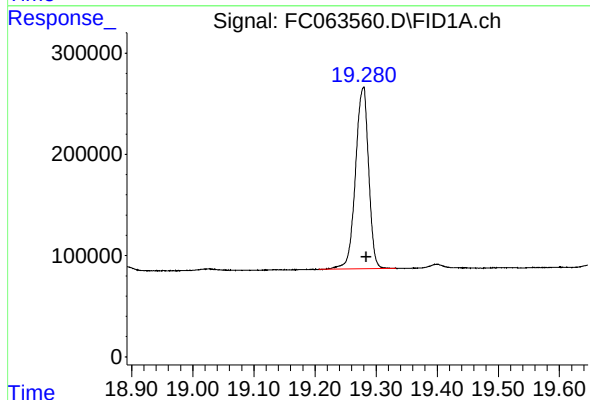
R.T.: 17.665 min
Delta R.T.: -0.007 min
Response: 2739737
Conc: 21.05 ug/ml

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20 PPM ALIPHATIC HC STD



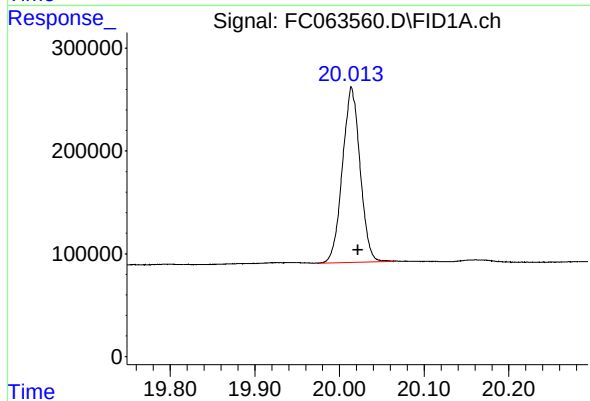
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.008 min
Response: 2721241
Conc: 21.12 ug/ml



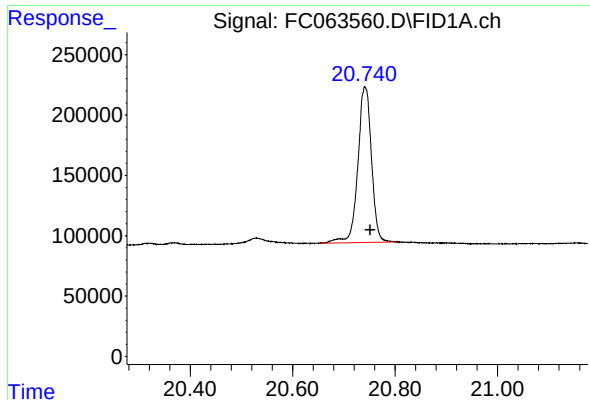
#19 n-Tetatriacontane (C34)

R.T.: 19.279 min
Delta R.T.: -0.005 min
Response: 2684258
Conc: 21.42 ug/ml



#20 n-Hexatriacontane (C36)

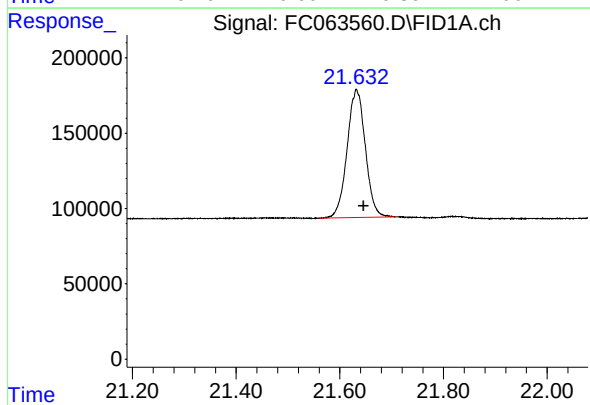
R.T.: 20.014 min
Delta R.T.: -0.008 min
Response: 2464175
Conc: 20.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: -0.010 min
Response: 2374707
Conc: 20.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: -0.014 min
Response: 2075698
Conc: 18.31 ug/ml