

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110824AL\
 Data File : FC067669.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2024 13:17
 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: Nov 09 01:36:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 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)	11.492	2717082	18.517 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
12) S 1-chlorooctadecane (S...	12.930	2012079	18.632 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.271	2426226	18.009 ug/ml
2) T n-Decane (C10)	4.335	2507371	18.403 ug/ml
3) T A~Naphthalene (C11.7)	5.913	2726316	18.398 ug/ml
4) T n-Dodecane (C12)	6.350	2498662	18.448 ug/ml
5) T A~2-methylnaphthalene...	6.968	2607787	18.466 ug/ml
6) T n-Tetradecane (C14)	8.143	2437230	18.568 ug/ml
7) T n-Hexadecane (C16)	9.741	2471391	18.708 ug/ml
8) T n-Octadecane (C18)	11.181	2472221	18.713 ug/ml
10) T n-Eicosane (C20)	12.489	2346255	18.595 ug/ml
11) T n-Heneicosane (C21)	13.099	2301468	18.648 ug/ml
13) T n-Docosane (C22)	13.685	2288234	18.687 ug/ml
14) T n-Tetracosane (C24)	14.786	2274121	18.762 ug/ml
15) T n-Hexacosane (C26)	15.805	2256079	18.950 ug/ml
16) T n-Octacosane (C28)	16.753	2317339	19.697 ug/ml
17) T n-Tricontane (C30)	17.639	2551406	21.108 ug/ml
18) T n-Dotriacontane (C32)	18.472	2591991	21.907 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2270153	21.677 ug/ml
20) T n-Hexatriacontane (C36)	19.991	1899475	20.867 ug/ml
21) T n-Octatriacontane (C38)	20.714	1747204	20.175 ug/ml
22) T n-Tetracontane (C40)	21.598	1647056	19.375 ug/ml

(f)=RT Delta > 1/2 Window

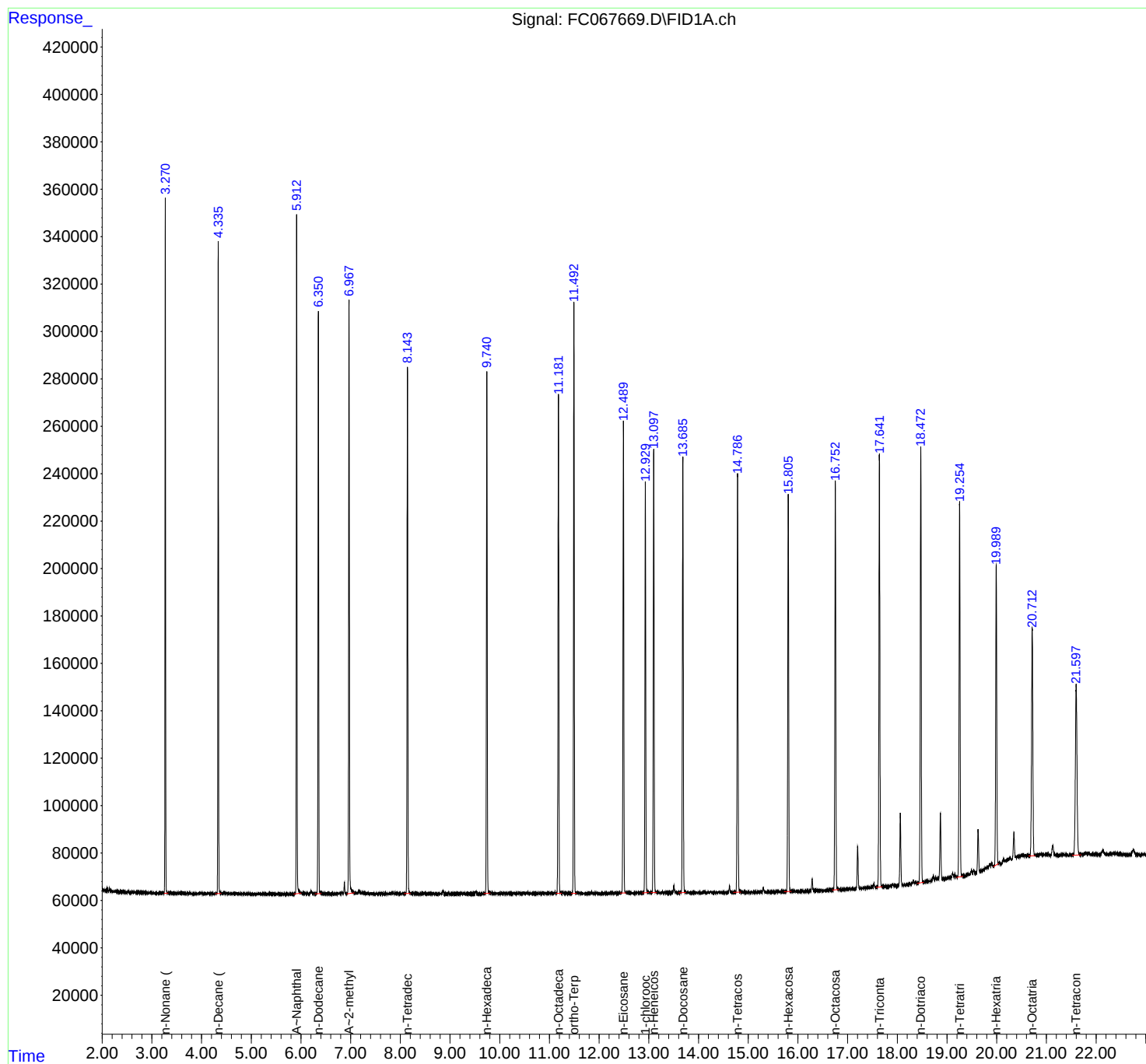
(m)=manual int.

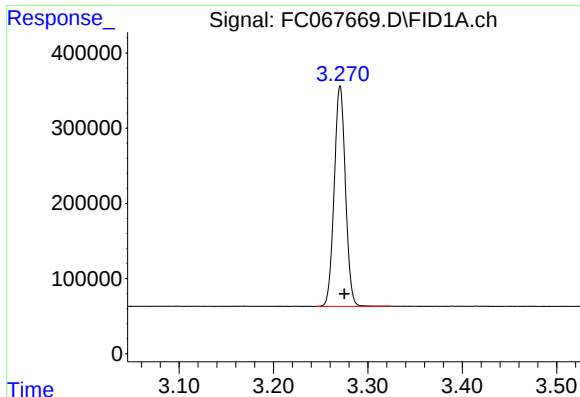
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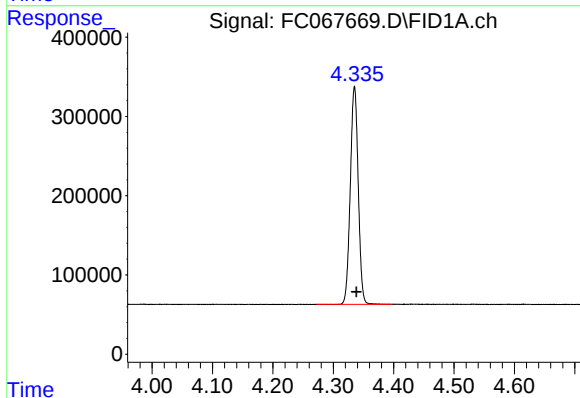




#1 n-Nonane (C9)

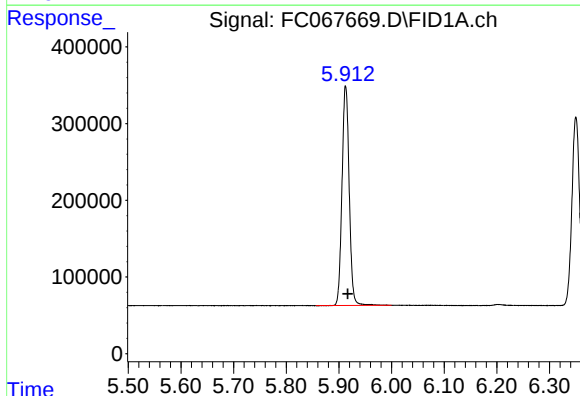
R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2426226
Conc: 18.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



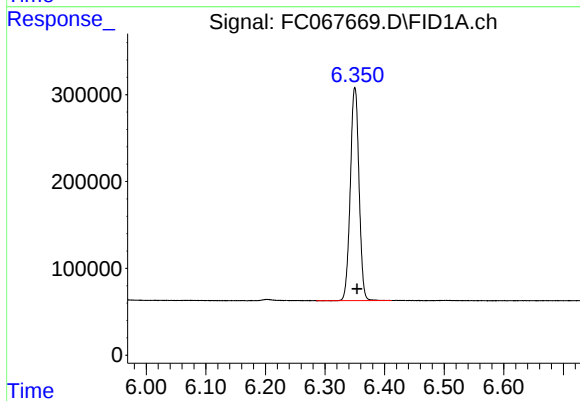
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 2507371
Conc: 18.40 ug/ml



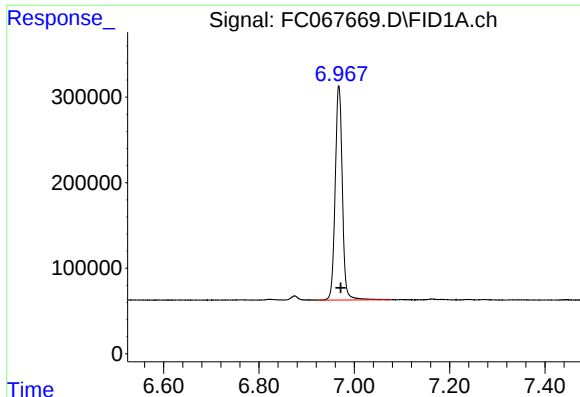
#3 A~Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: -0.004 min
Response: 2726316
Conc: 18.40 ug/ml



#4 n-Dodecane (C12)

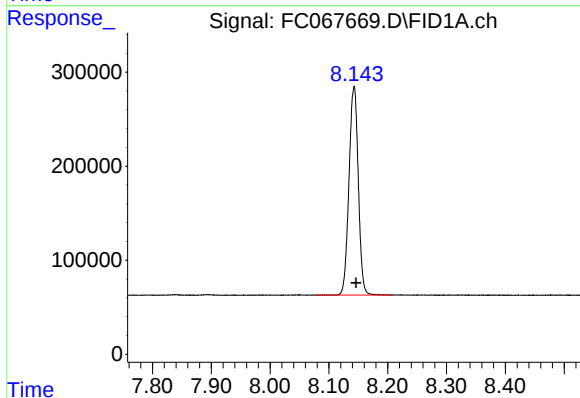
R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 2498662
Conc: 18.45 ug/ml



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

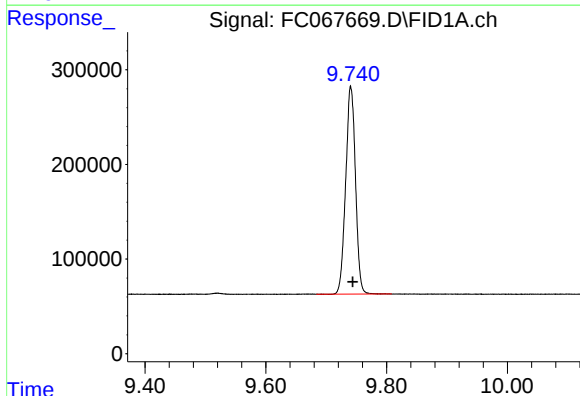
R.T.: 6.968 min
Delta R.T.: -0.004 min
Response: 2607787
Conc: 18.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



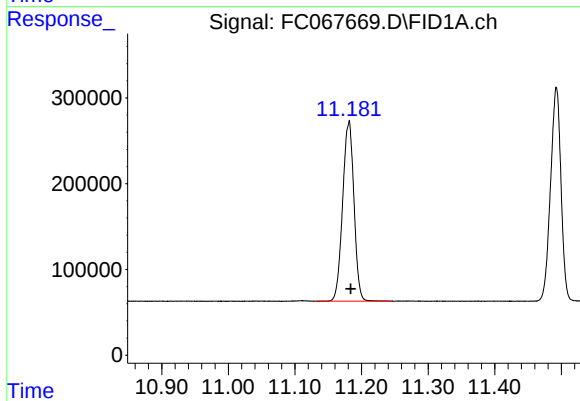
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 2437230
Conc: 18.57 ug/ml



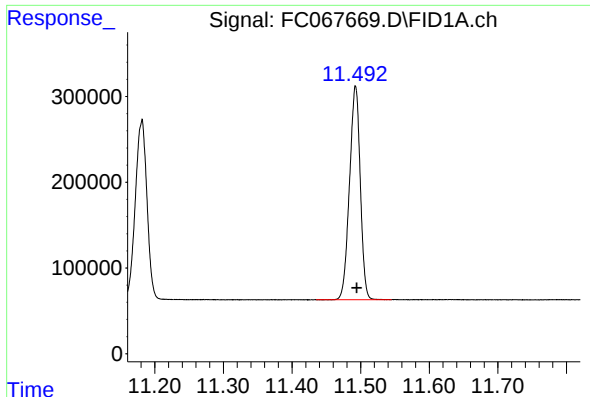
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: -0.003 min
Response: 2471391
Conc: 18.71 ug/ml



#8 n-Octadecane (C18)

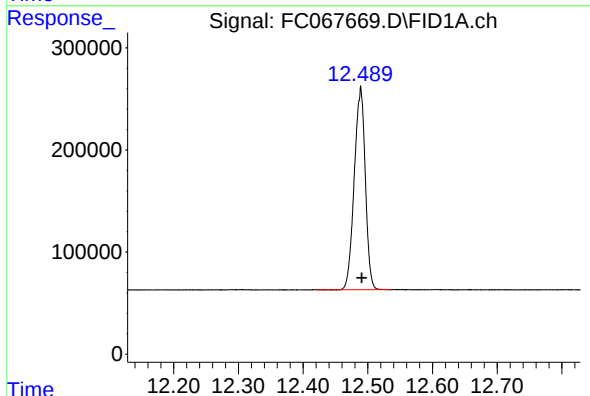
R.T.: 11.181 min
Delta R.T.: -0.003 min
Response: 2472221
Conc: 18.71 ug/ml



#9 ortho-Terphenyl (SURR)

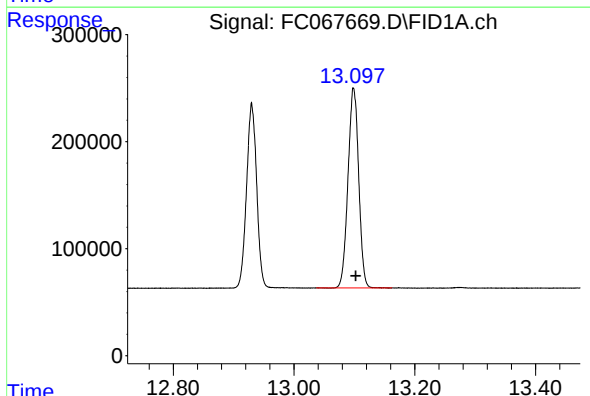
R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 2717082
Conc: 18.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



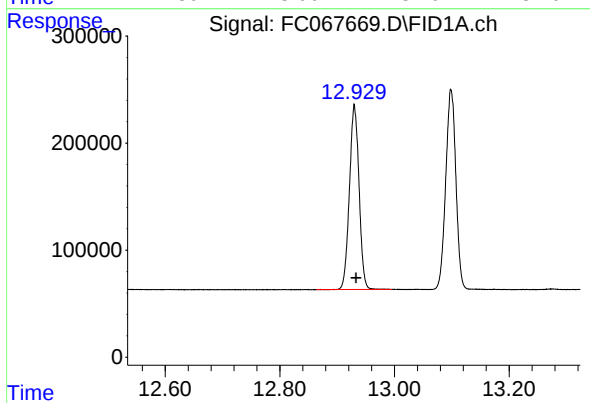
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.002 min
Response: 2346255
Conc: 18.59 ug/ml



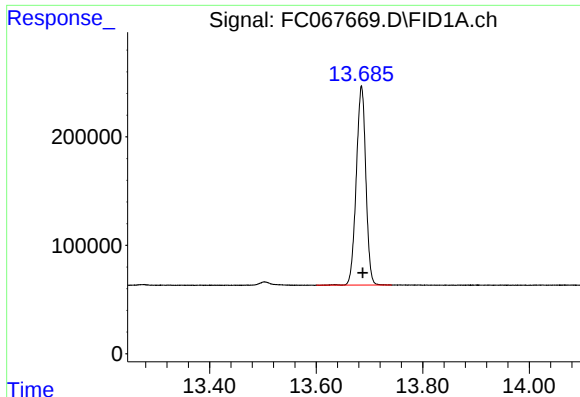
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2301468
Conc: 18.65 ug/ml



#12 1-chlorooctadecane (SURR)

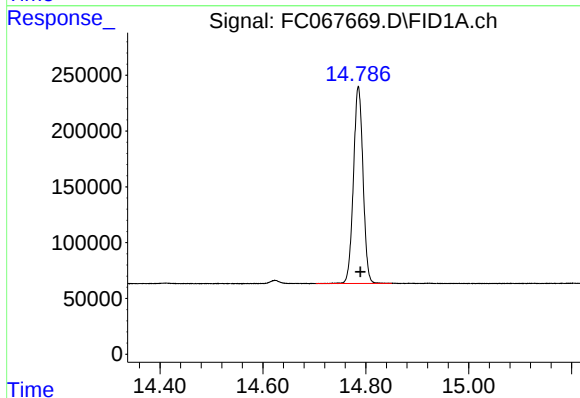
R.T.: 12.930 min
Delta R.T.: -0.003 min
Response: 2012079
Conc: 18.63 ug/ml



#13 n-Docosane (C22)

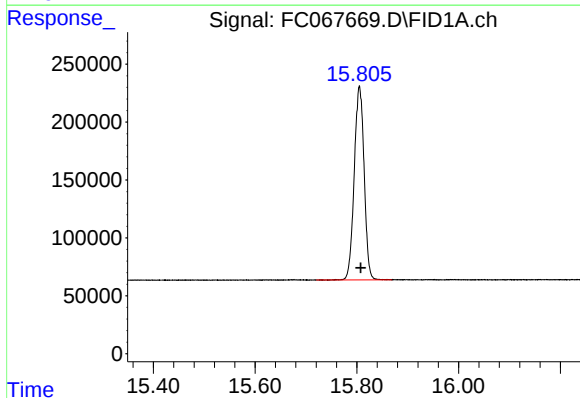
R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 2288234
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



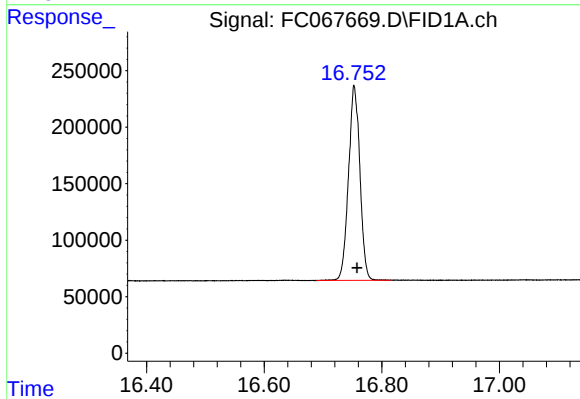
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.004 min
Response: 2274121
Conc: 18.76 ug/ml



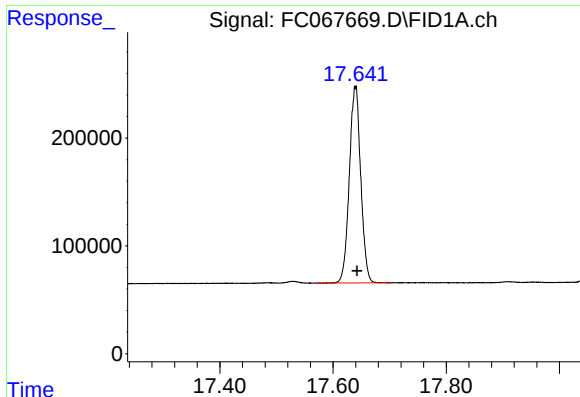
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.003 min
Response: 2256079
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

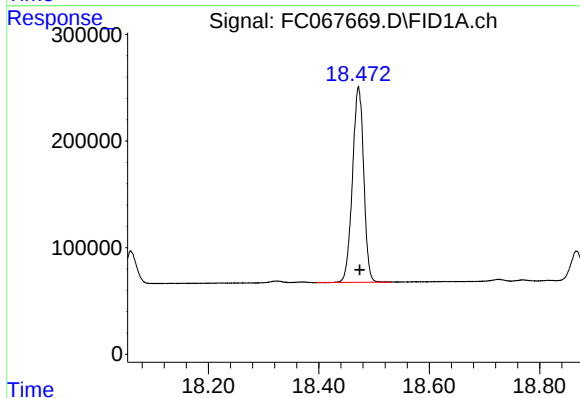
R.T.: 16.753 min
Delta R.T.: -0.004 min
Response: 2317339
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

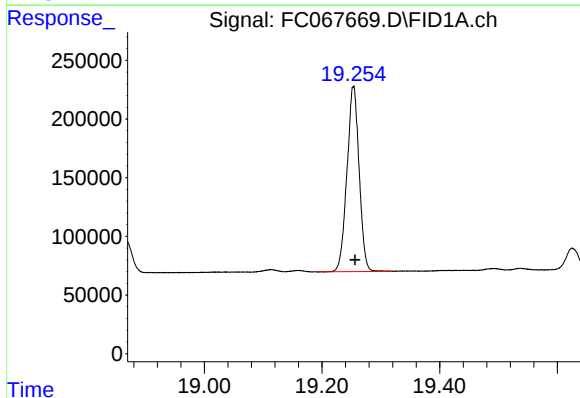
R.T.: 17.639 min
Delta R.T.: -0.003 min
Response: 2551406
Conc: 21.11 ug/ml

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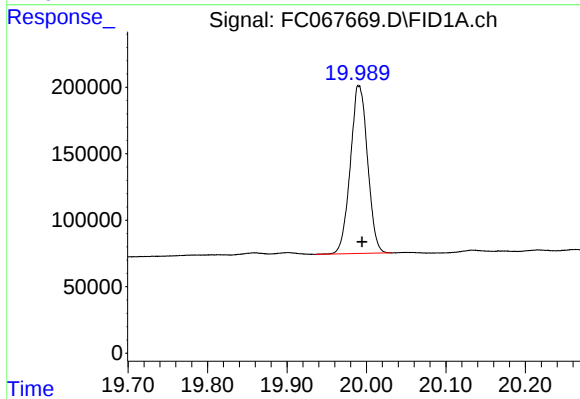
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.002 min
Response: 2591991
Conc: 21.91 ug/ml



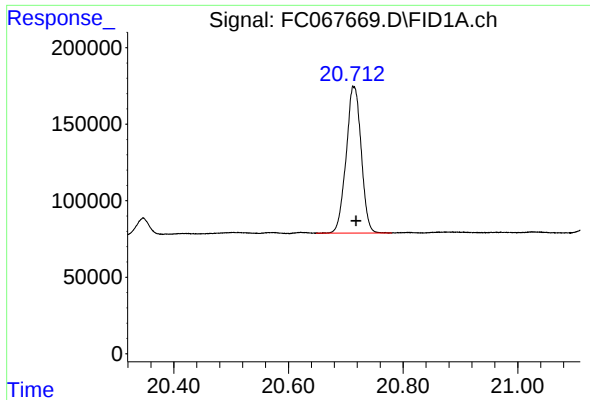
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.003 min
Response: 2270153
Conc: 21.68 ug/ml



#20 n-Hexatriacontane (C36)

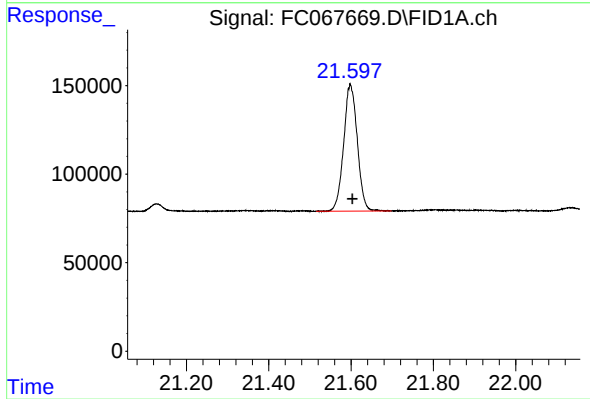
R.T.: 19.991 min
Delta R.T.: -0.003 min
Response: 1899475
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.004 min
Response: 1747204
Conc: 20.18 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: -0.005 min
Response: 1647056
Conc: 19.37 ug/ml