

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082525AL\
 Data File : FC069735.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 00:22
 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: sample.E
 Quant Time: Aug 26 02:15:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.664	3131079	20.988 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
12) S 1-chlorooctadecane (S...	13.100	2369348	21.732 ug/ml
Spiked Amount 50.000		Recovery =	43.46%
Target Compounds			
1) T n-Nonane (C9)	3.398	2883071	20.236 ug/ml
2) T n-Decane (C10)	4.469	2988536	20.557 ug/ml
3) T A~Naphthalene (C11.7)	6.063	3199134	20.618 ug/ml
4) T n-Dodecane (C12)	6.494	3021526	20.669 ug/ml
5) T A~2-methylnaphthalene...	7.123	3068255	20.834 ug/ml
6) T n-Tetradecane (C14)	8.293	3018428	21.151 ug/ml
7) T n-Hexadecane (C16)	9.897	3082939	21.386 ug/ml
8) T n-Octadecane (C18)	11.341	3037025	21.476 ug/ml
10) T n-Eicosane (C20)	12.653	2823824	21.437 ug/ml
11) T n-Heneicosane (C21)	13.267	2728985	21.397 ug/ml
13) T n-Docosane (C22)	13.854	2678126	21.439 ug/ml
14) T n-Tetracosane (C24)	14.958	2591306	21.474 ug/ml
15) T n-Hexacosane (C26)	15.981	2462228	21.309 ug/ml
16) T n-Octacosane (C28)	16.932	2376937	21.206 ug/ml
17) T n-Tricontane (C30)	17.821	2443230	21.339 ug/ml
18) T n-Dotriacontane (C32)	18.656	2417444	21.763 ug/ml
19) T n-Tetratriacontane (C34)	19.440	2221160	21.814 ug/ml
20) T n-Hexatriacontane (C36)	20.182	1920390	21.537 ug/ml
21) T n-Octatriacontane (C38)	20.947	1762700	21.913 ug/ml
22) T n-Tetracontane (C40)	21.907	1680594	22.443 ug/ml

(f)=RT Delta > 1/2 Window

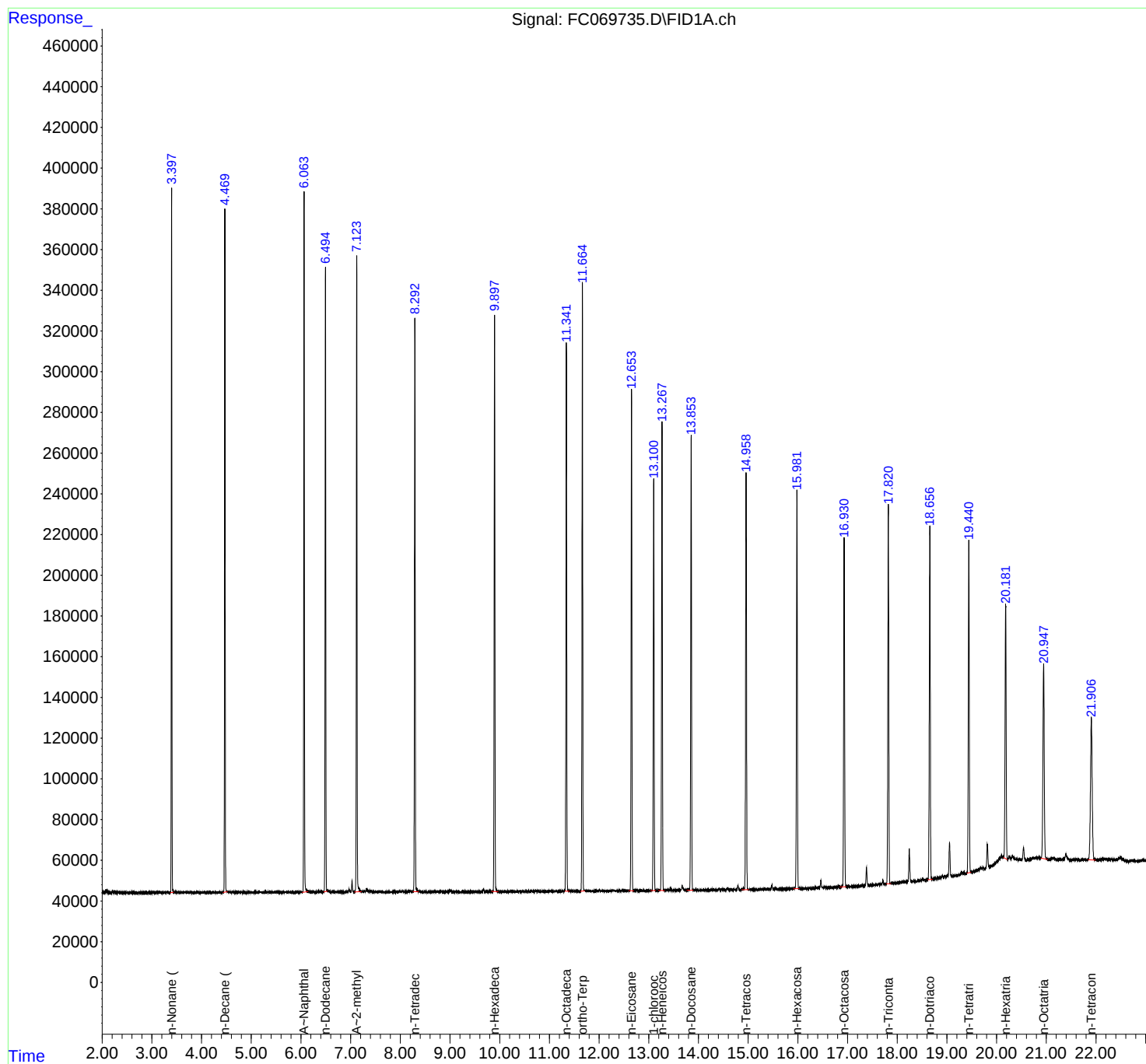
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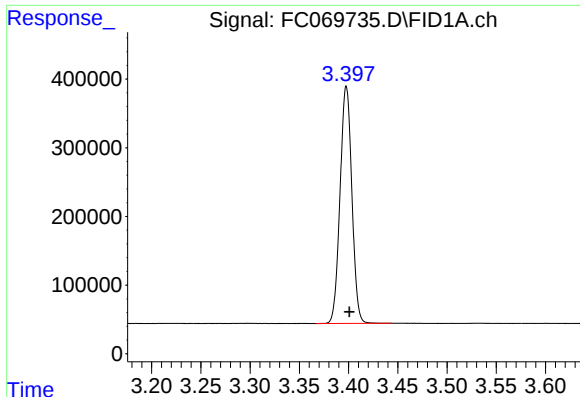
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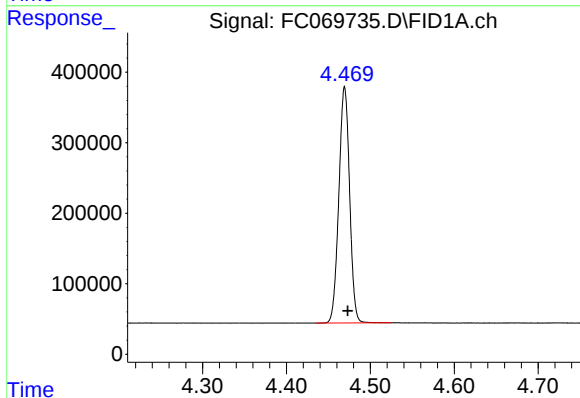




#1 n-Nonane (C9)

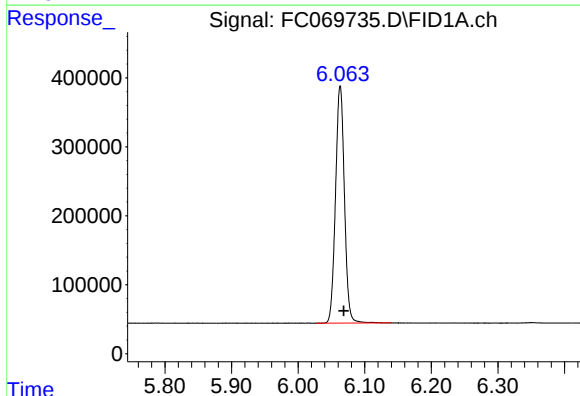
R.T.: 3.398 min
Delta R.T.: -0.003 min
Response: 2883071
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



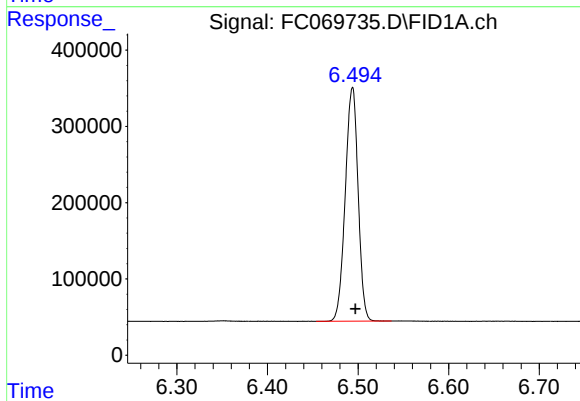
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.004 min
Response: 2988536
Conc: 20.56 ug/ml



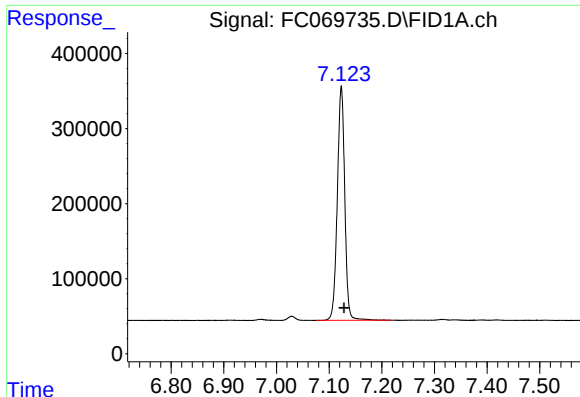
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.005 min
Response: 3199134
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

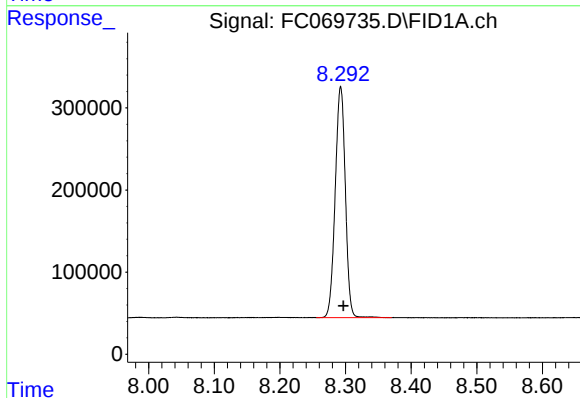
R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 3021526
Conc: 20.67 ug/ml



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

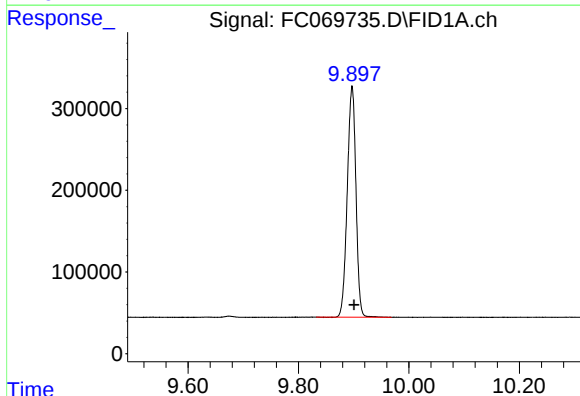
R.T.: 7.123 min
Delta R.T.: -0.005 min
Response: 3068255
Conc: 20.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



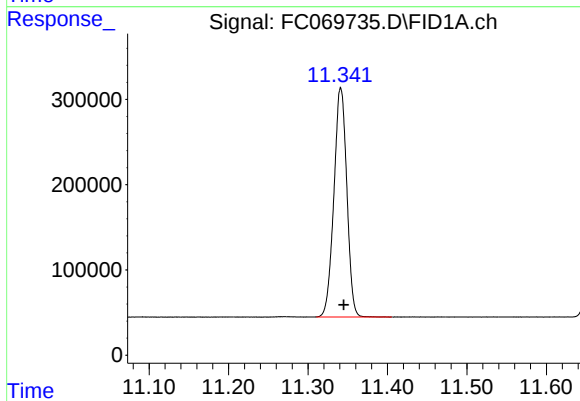
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.004 min
Response: 3018428
Conc: 21.15 ug/ml



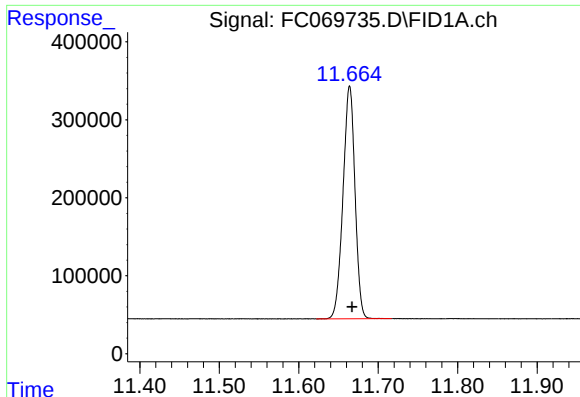
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: -0.004 min
Response: 3082939
Conc: 21.39 ug/ml



#8 n-Octadecane (C18)

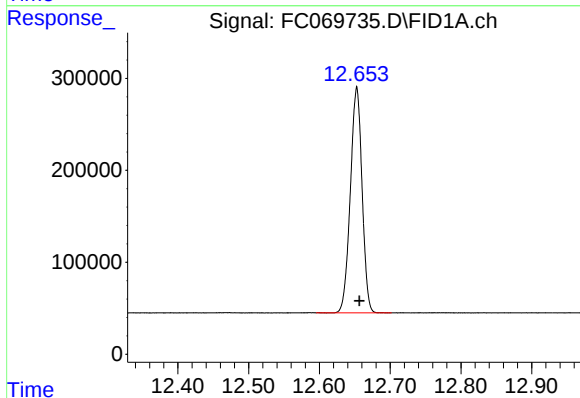
R.T.: 11.341 min
Delta R.T.: -0.004 min
Response: 3037025
Conc: 21.48 ug/ml



#9 ortho-Terphenyl (SURR)

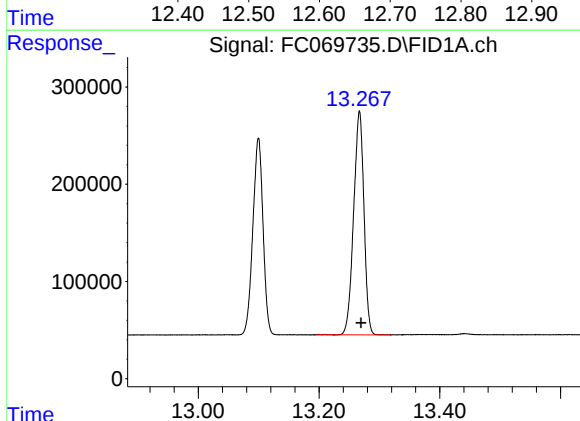
R.T.: 11.664 min
Delta R.T.: -0.003 min
Response: 3131079
Conc: 20.99 ug/ml

Instrument :
FID_C
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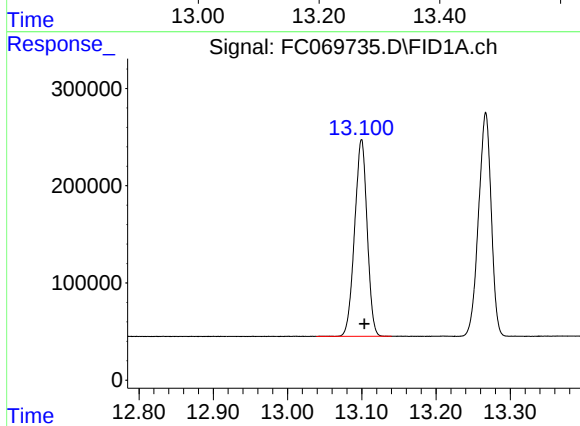
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: -0.004 min
Response: 2823824
Conc: 21.44 ug/ml



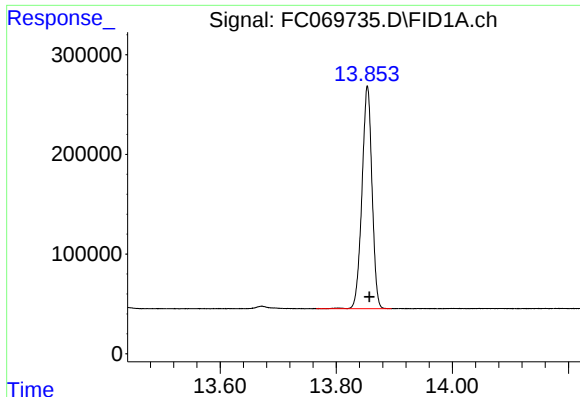
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.003 min
Response: 2728985
Conc: 21.40 ug/ml



#12 1-chlorooctadecane (SURR)

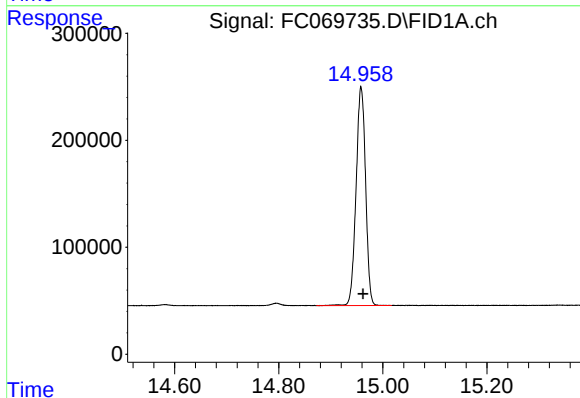
R.T.: 13.100 min
Delta R.T.: -0.004 min
Response: 2369348
Conc: 21.73 ug/ml



#13 n-Docosane (C22)

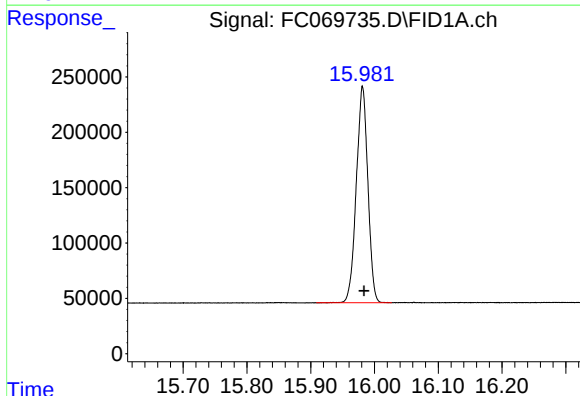
R.T.: 13.854 min
Delta R.T.: -0.003 min
Response: 2678126
Conc: 21.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



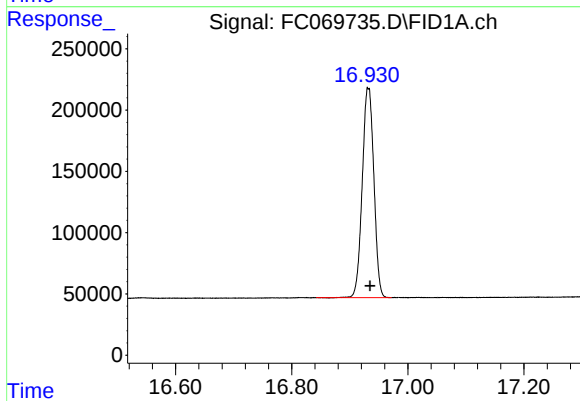
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.004 min
Response: 2591306
Conc: 21.47 ug/ml



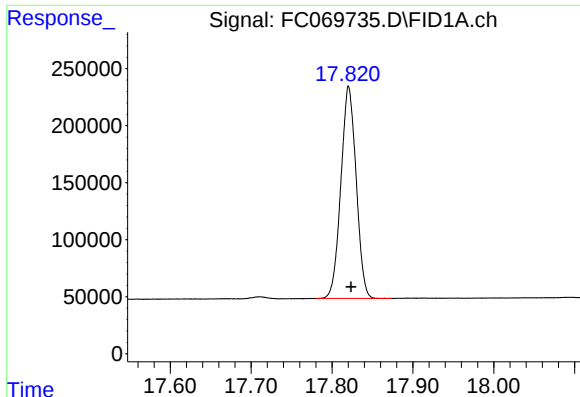
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: -0.002 min
Response: 2462228
Conc: 21.31 ug/ml



#16 n-Octacosane (C28)

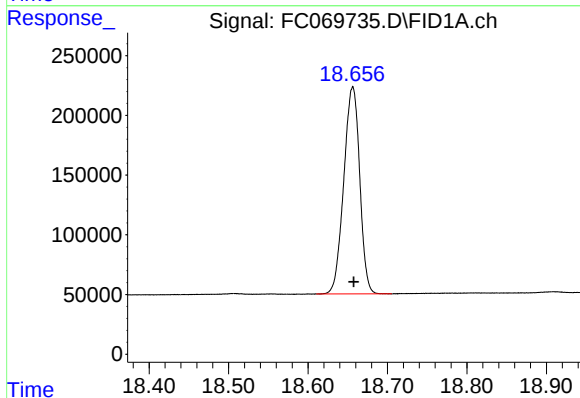
R.T.: 16.932 min
Delta R.T.: -0.003 min
Response: 2376937
Conc: 21.21 ug/ml



#17 n-Tricontane (C30)

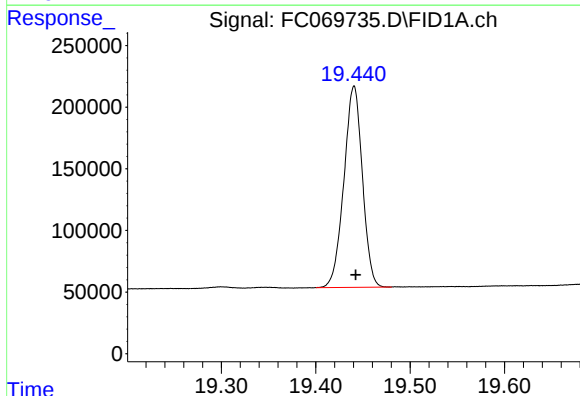
R.T.: 17.821 min
Delta R.T.: -0.003 min
Response: 2443230
Conc: 21.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



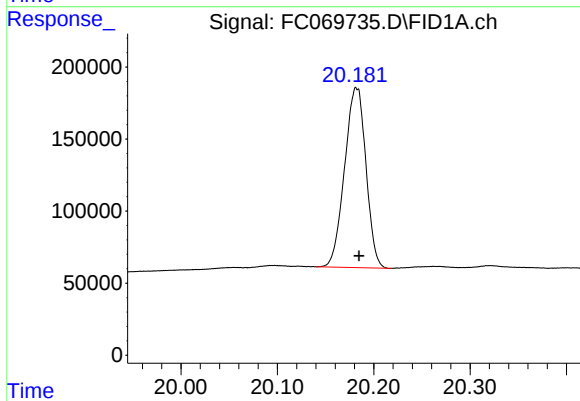
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.002 min
Response: 2417444
Conc: 21.76 ug/ml



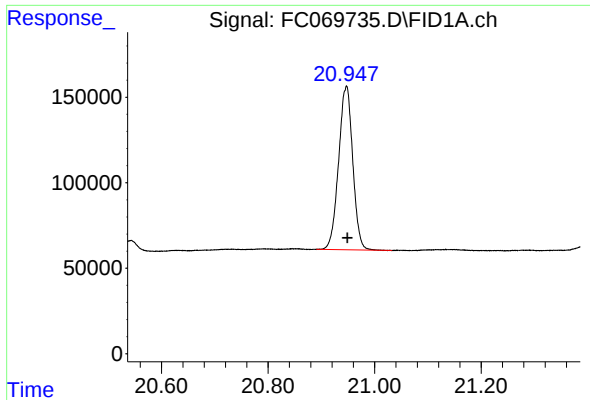
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.002 min
Response: 2221160
Conc: 21.81 ug/ml



#20 n-Hexatriacontane (C36)

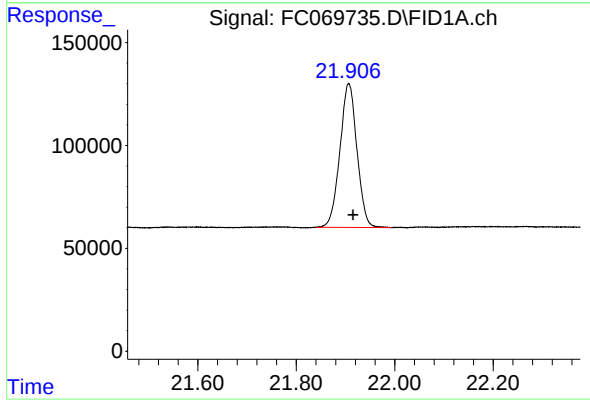
R.T.: 20.182 min
Delta R.T.: -0.003 min
Response: 1920390
Conc: 21.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: -0.003 min
Response: 1762700
Conc: 21.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.008 min
Response: 1680594
Conc: 22.44 ug/ml