

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080625AL\
 Data File : FC069592.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2025 23:04
 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: Aug 07 02:52:47 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)	11.668	2597795	17.413 ug/ml
Spiked Amount 50.000		Recovery =	34.83%
12) S 1-chlorooctadecane (S...	13.103	1956339	17.944 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T n-Nonane (C9)	3.401	2457604	17.250 ug/ml
2) T n-Decane (C10)	4.473	2508283	17.253 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2708612	17.457 ug/ml
4) T n-Dodecane (C12)	6.498	2531093	17.314 ug/ml
5) T A~2-methylnaphthalene...	7.128	2591362	17.596 ug/ml
6) T n-Tetradecane (C14)	8.297	2484669	17.411 ug/ml
7) T n-Hexadecane (C16)	9.900	2530016	17.550 ug/ml
8) T n-Octadecane (C18)	11.345	2482403	17.554 ug/ml
10) T n-Eicosane (C20)	12.657	2309277	17.531 ug/ml
11) T n-Heneicosane (C21)	13.270	2233388	17.511 ug/ml
13) T n-Docosane (C22)	13.857	2183854	17.482 ug/ml
14) T n-Tetracosane (C24)	14.961	2107327	17.463 ug/ml
15) T n-Hexacosane (C26)	15.983	2003988	17.343 ug/ml
16) T n-Octacosane (C28)	16.934	1906599	17.010 ug/ml
17) T n-Tricontane (C30)	17.823	1894867	16.550 ug/ml
18) T n-Dotriacontane (C32)	18.657	1814463	16.334 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1669480	16.396 ug/ml
20) T n-Hexatriacontane (C36)	20.182	1483460	16.637 ug/ml
21) T n-Octatriacontane (C38)	20.947	1398605	17.386 ug/ml
22) T n-Tetracontane (C40)	21.907	1374259	18.352 ug/ml

(f)=RT Delta > 1/2 Window

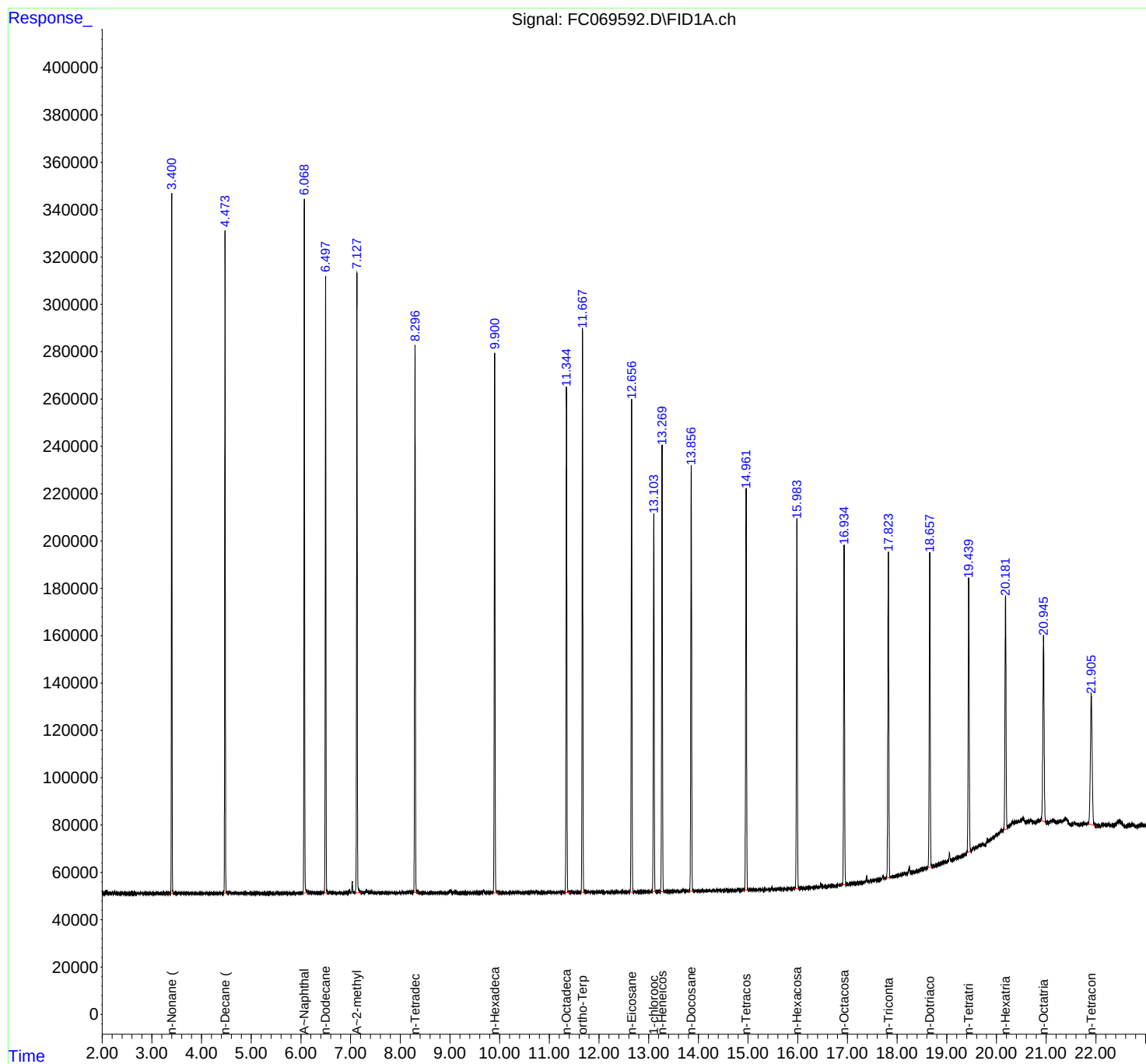
(m)=manual int.

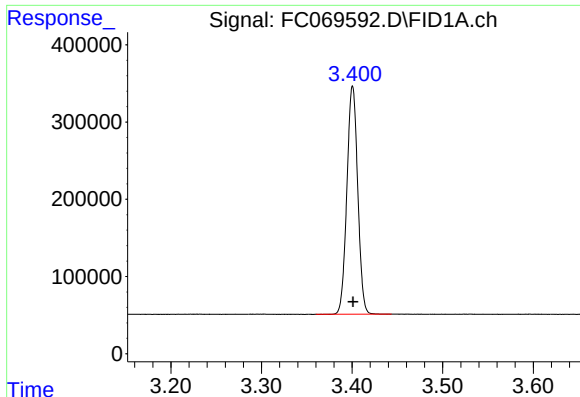
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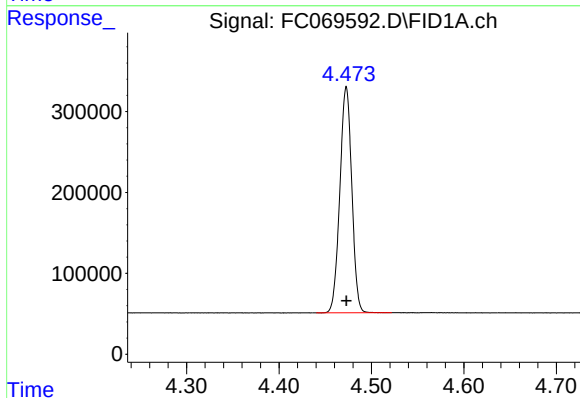




#1 n-Nonane (C9)

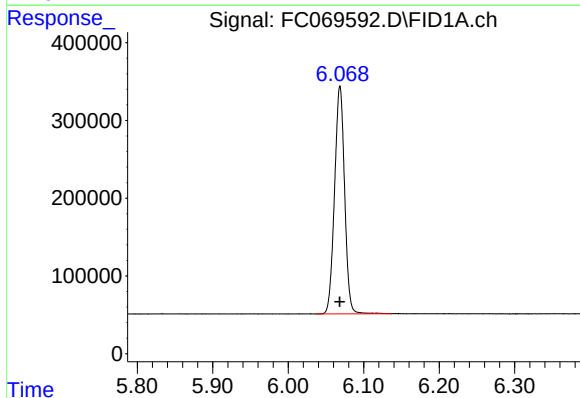
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2457604
Conc: 17.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



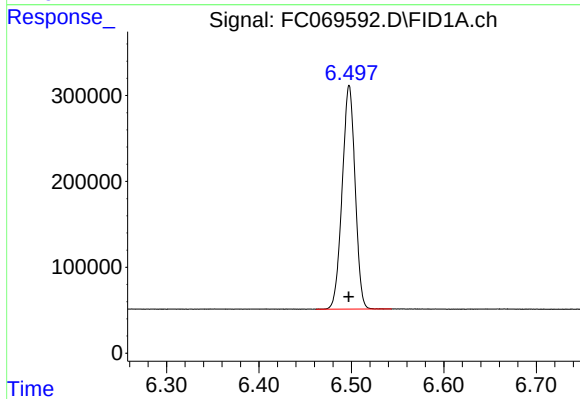
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 2508283
Conc: 17.25 ug/ml



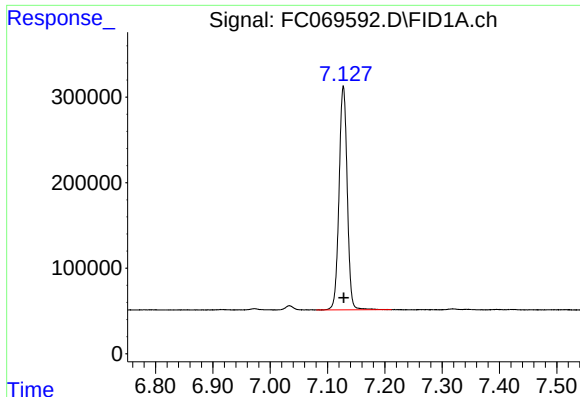
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2708612
Conc: 17.46 ug/ml



#4 n-Dodecane (C12)

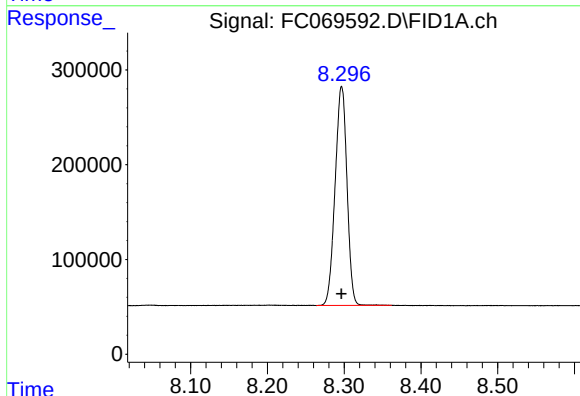
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 2531093
Conc: 17.31 ug/ml



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

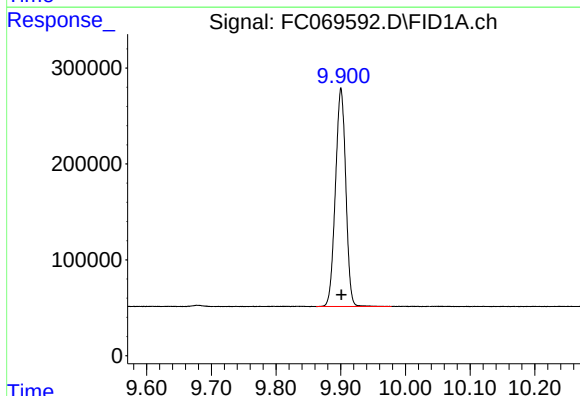
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 2591362
Conc: 17.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



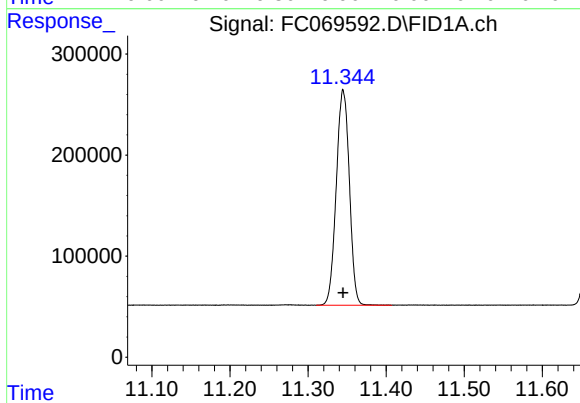
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 2484669
Conc: 17.41 ug/ml



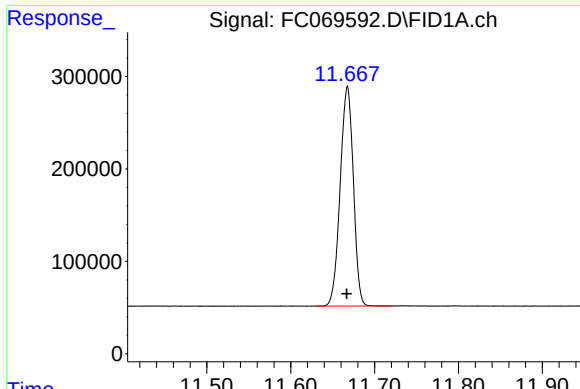
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 2530016
Conc: 17.55 ug/ml



#8 n-Octadecane (C18)

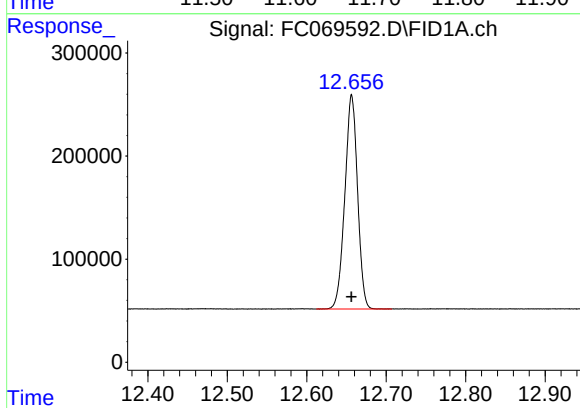
R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 2482403
Conc: 17.55 ug/ml



#9 ortho-Terphenyl (SURR)

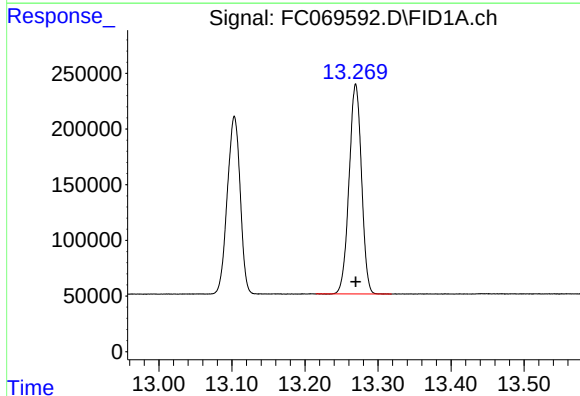
R.T.: 11.668 min
Delta R.T.: 0.000 min
Response: 2597795
Conc: 17.41 ug/ml

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20 PPM ALIPHATIC HC STD



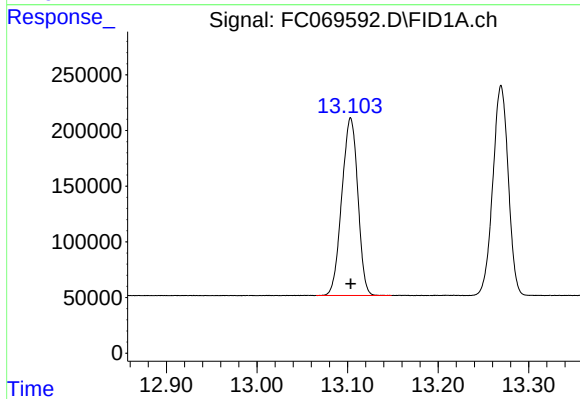
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.000 min
Response: 2309277
Conc: 17.53 ug/ml



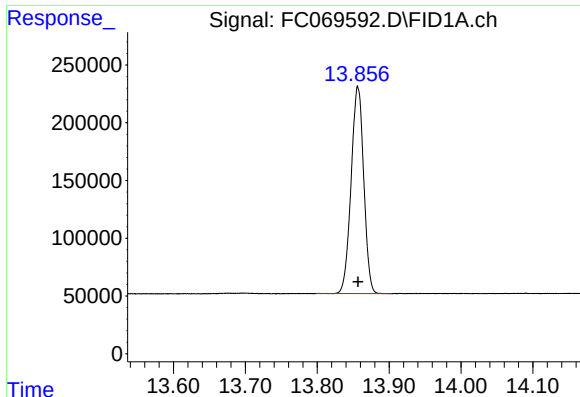
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 2233388
Conc: 17.51 ug/ml



#12 1-chlorooctadecane (SURR)

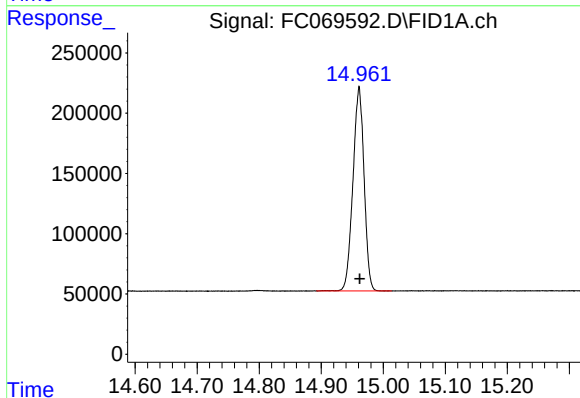
R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 1956339
Conc: 17.94 ug/ml



#13 n-Docosane (C22)

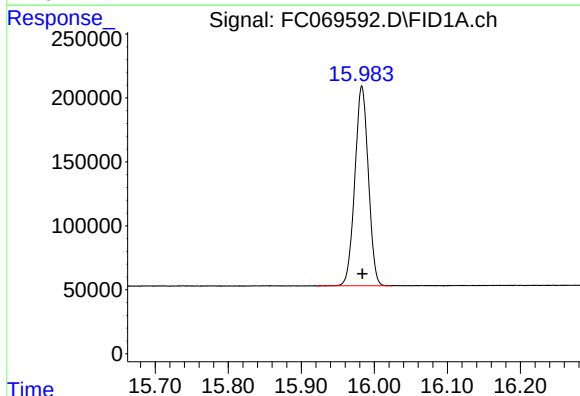
R.T.: 13.857 min
Delta R.T.: 0.000 min
Response: 2183854
Conc: 17.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



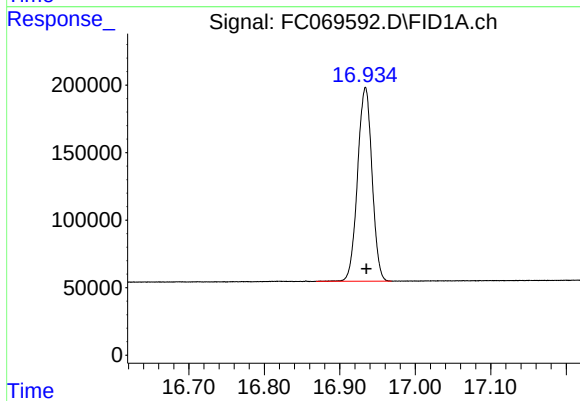
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.001 min
Response: 2107327
Conc: 17.46 ug/ml



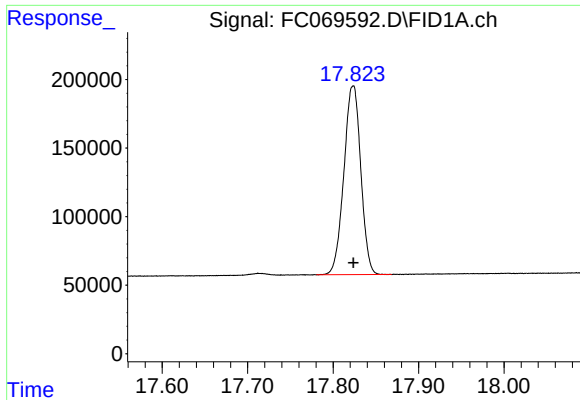
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.000 min
Response: 2003988
Conc: 17.34 ug/ml



#16 n-Octacosane (C28)

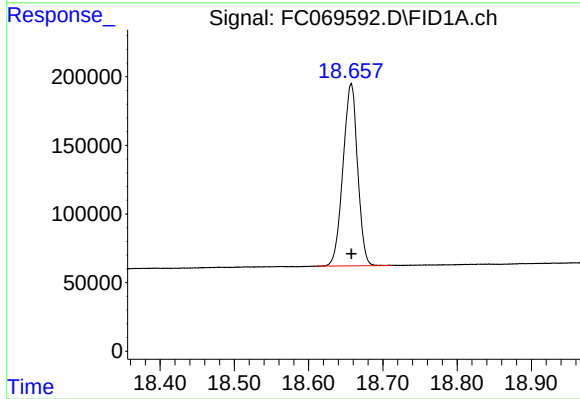
R.T.: 16.934 min
Delta R.T.: -0.001 min
Response: 1906599
Conc: 17.01 ug/ml



#17 n-Tricontane (C30)

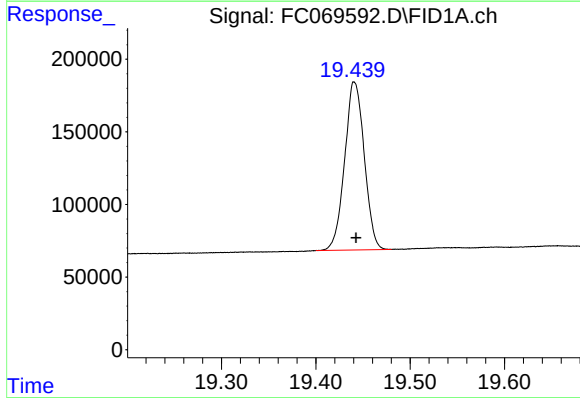
R.T.: 17.823 min
Delta R.T.: 0.000 min
Response: 1894867
Conc: 16.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



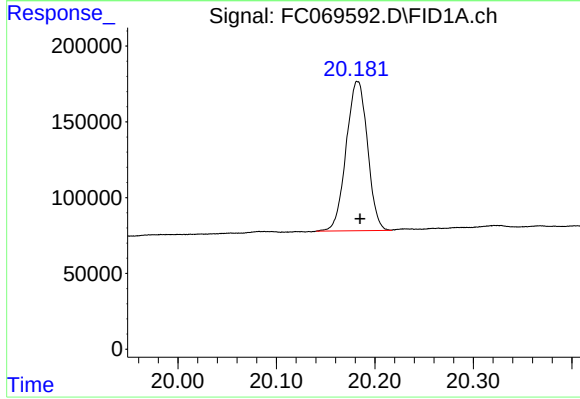
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: 0.000 min
Response: 1814463
Conc: 16.33 ug/ml



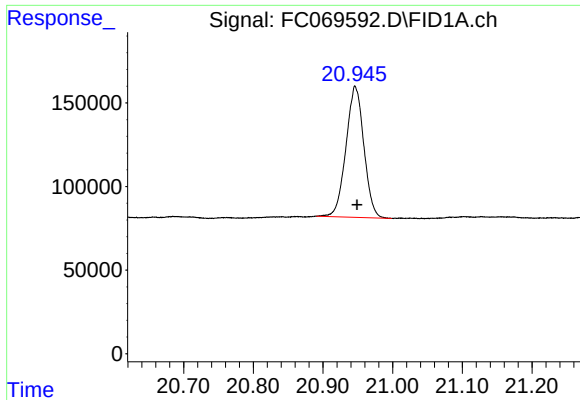
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.001 min
Response: 1669480
Conc: 16.40 ug/ml



#20 n-Hexatriacontane (C36)

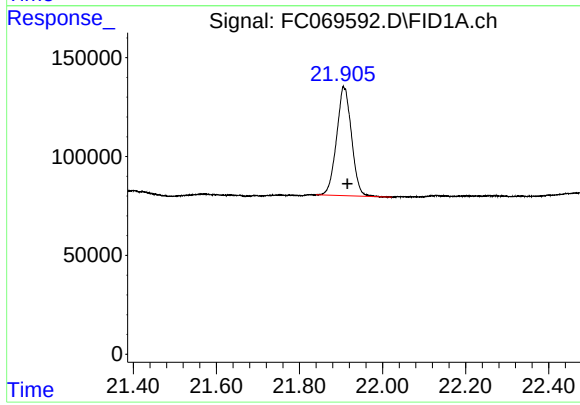
R.T.: 20.182 min
Delta R.T.: -0.002 min
Response: 1483460
Conc: 16.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: -0.003 min
Response: 1398605
Conc: 17.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.008 min
Response: 1374259
Conc: 18.35 ug/ml