

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
 Data File : FC069005.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 19:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 27 01:51:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.708	2538482	20.580 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
12) S 1-chlorooctadecane (S...	13.140	1853397	20.659 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
Target Compounds			
1) T n-Nonane (C9)	3.440	2172680	20.473 ug/ml
2) T n-Decane (C10)	4.516	2163690	20.430 ug/ml
3) T A~Naphthalene (C11.7)	6.112	2354018	20.357 ug/ml
4) T n-Dodecane (C12)	6.540	2150711	20.459 ug/ml
5) T A~2-methylnaphthalene...	7.170	2327101	20.527 ug/ml
6) T n-Tetradecane (C14)	8.337	2101471	20.501 ug/ml
7) T n-Hexadecane (C16)	9.940	2084986	20.548 ug/ml
8) T n-Octadecane (C18)	11.383	2063844	20.650 ug/ml
10) T n-Eicosane (C20)	12.694	2013740	20.675 ug/ml
11) T n-Heneicosane (C21)	13.307	1991153	20.687 ug/ml
13) T n-Docosane (C22)	13.893	1971474	20.694 ug/ml
14) T n-Tetracosane (C24)	14.997	1941565	20.621 ug/ml
15) T n-Hexacosane (C26)	16.019	1908697	20.559 ug/ml
16) T n-Octacosane (C28)	16.970	1896349	20.401 ug/ml
17) T n-Tricontane (C30)	17.858	1957016	20.226 ug/ml
18) T n-Dotriacontane (C32)	18.692	1989071	20.072 ug/ml
19) T n-Tetratriacontane (C34)	19.477	1929370	20.019 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1906809	20.087 ug/ml
21) T n-Octatriacontane (C38)	20.991	1817968	19.926 ug/ml
22) T n-Tetracontane (C40)	21.965	1733019	19.641 ug/ml

(f)=RT Delta > 1/2 Window

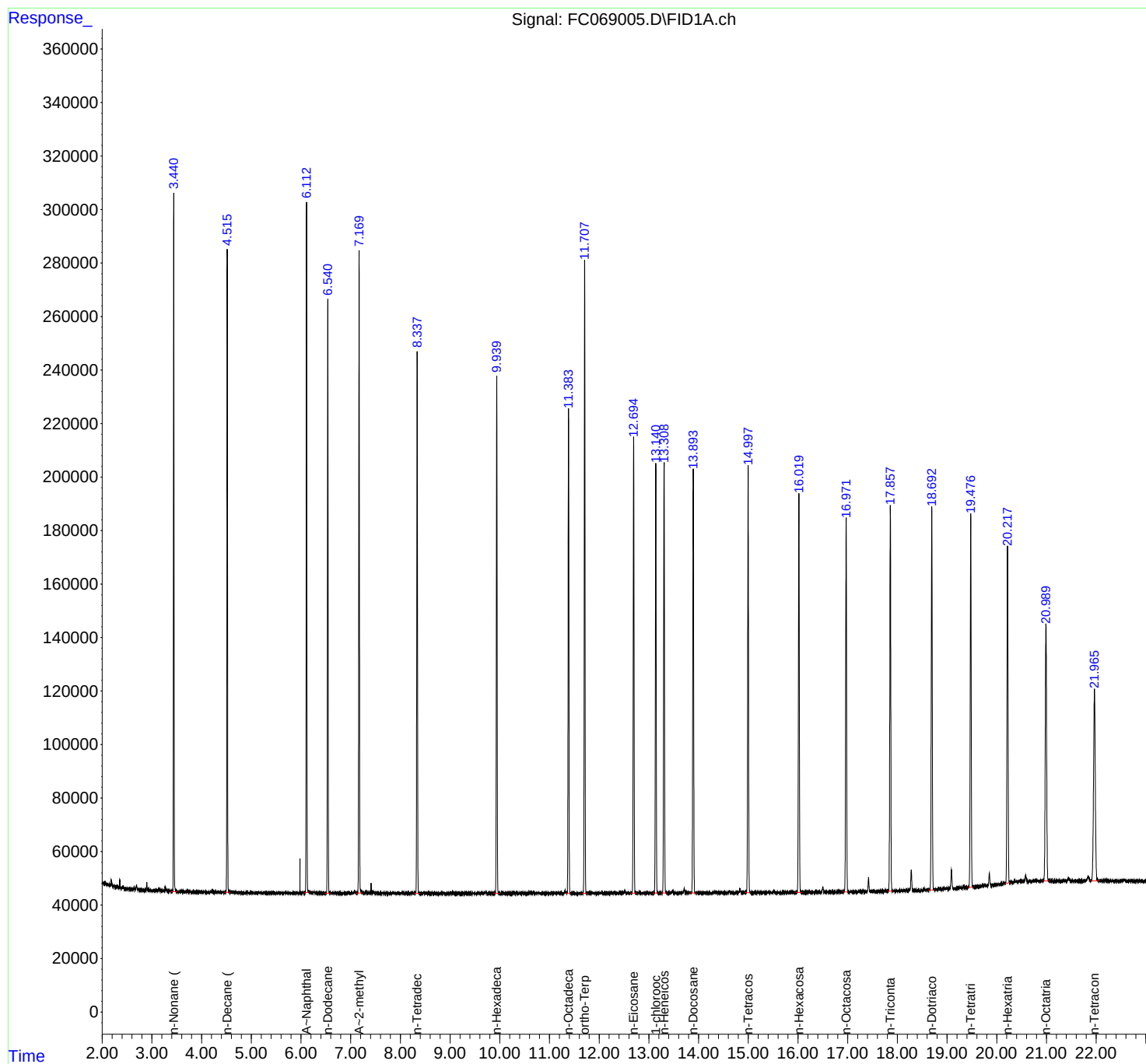
(m)=manual int.

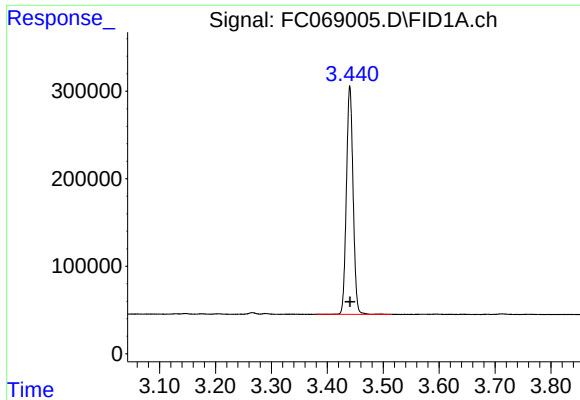
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
Data File : FC069005.D
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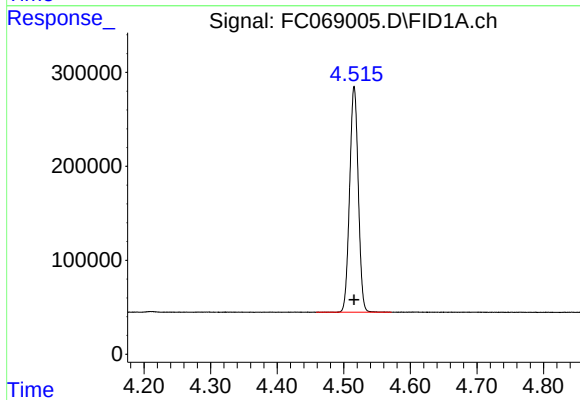




#1 n-Nonane (C9)

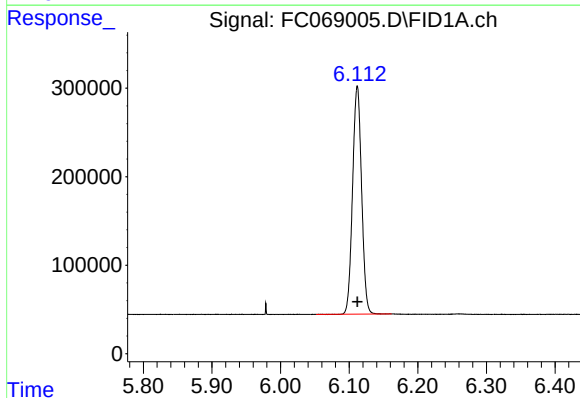
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 2172680
Conc: 20.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



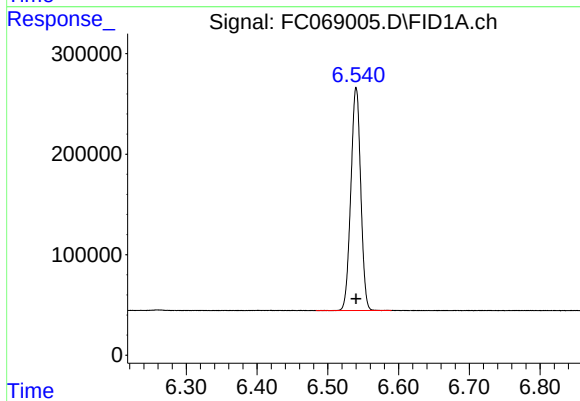
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2163690
Conc: 20.43 ug/ml



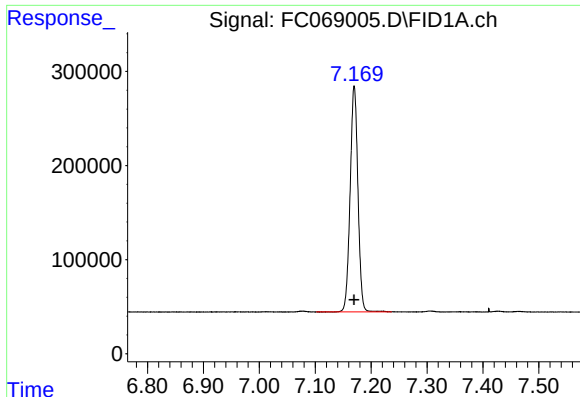
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 2354018
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

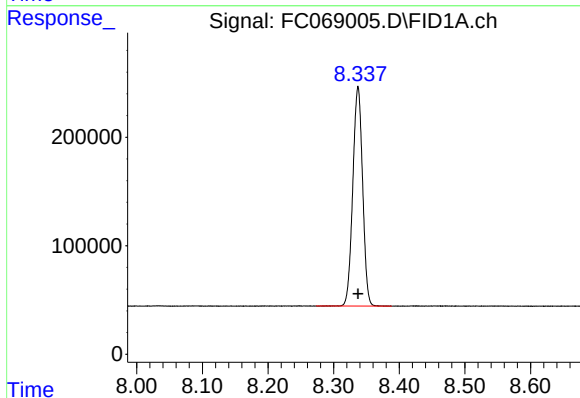
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 2150711
Conc: 20.46 ug/ml



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

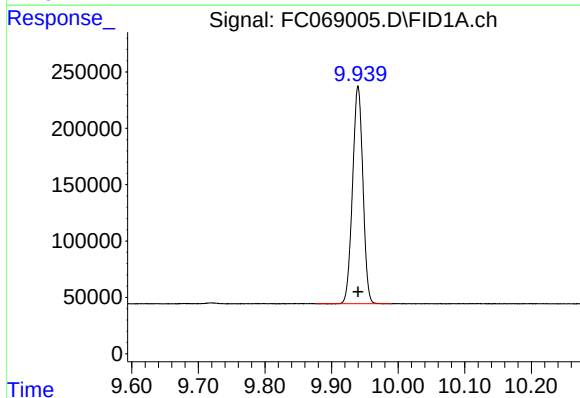
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 2327101
Conc: 20.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



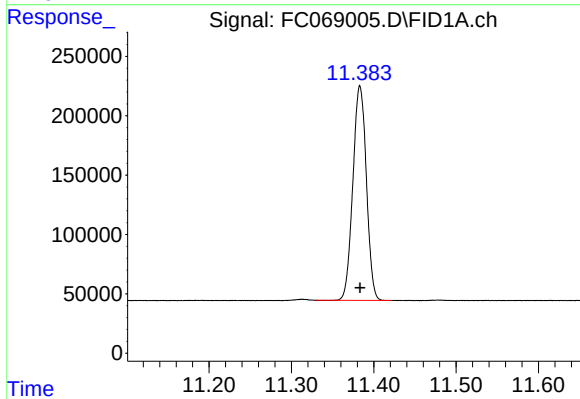
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 2101471
Conc: 20.50 ug/ml



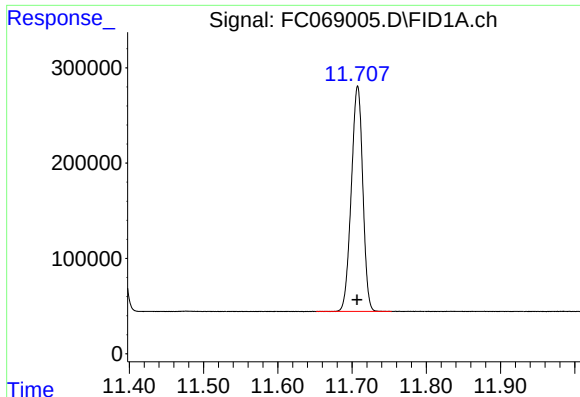
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: 0.000 min
Response: 2084986
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

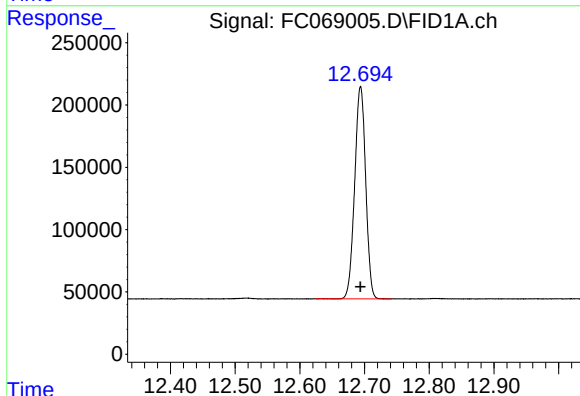
R.T.: 11.383 min
Delta R.T.: 0.000 min
Response: 2063844
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

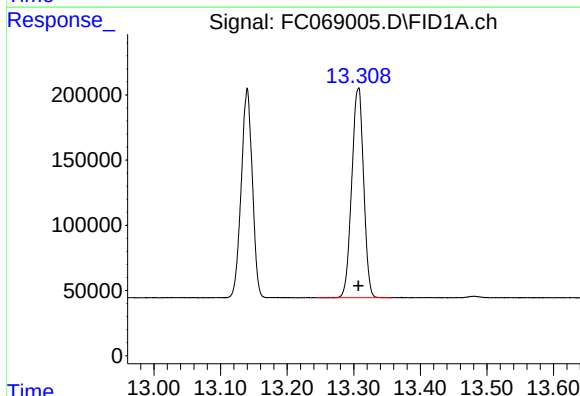
R.T.: 11.708 min
Delta R.T.: 0.000 min
Response: 2538482
Conc: 20.58 ug/ml

Instrument :
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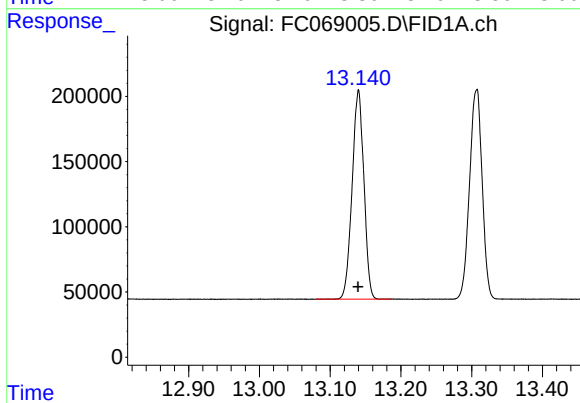
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: 0.000 min
Response: 2013740
Conc: 20.68 ug/ml



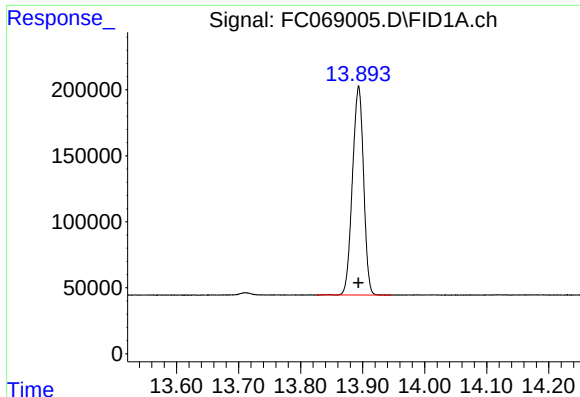
#11 n-Heneicosane (C21)

R.T.: 13.307 min
Delta R.T.: 0.000 min
Response: 1991153
Conc: 20.69 ug/ml



#12 1-chlorooctadecane (SURR)

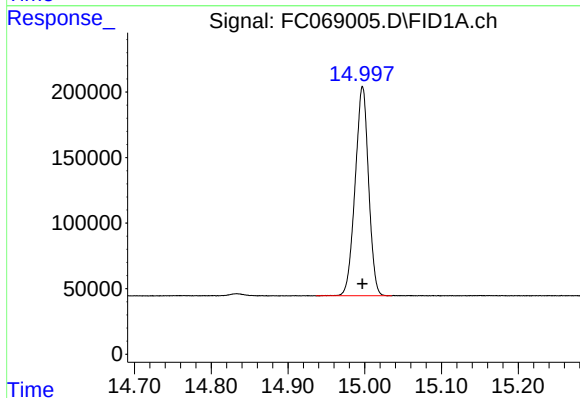
R.T.: 13.140 min
Delta R.T.: 0.000 min
Response: 1853397
Conc: 20.66 ug/ml



#13 n-Docosane (C22)

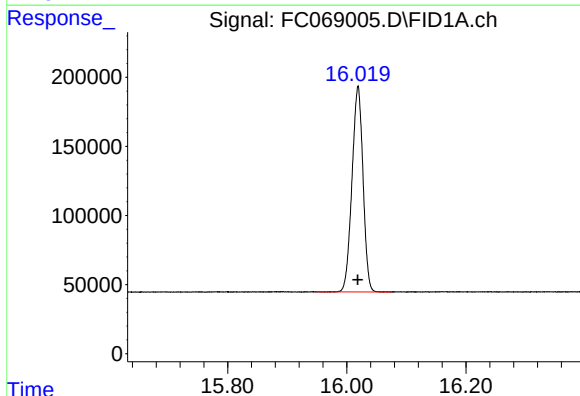
R.T.: 13.893 min
Delta R.T.: 0.000 min
Response: 1971474
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



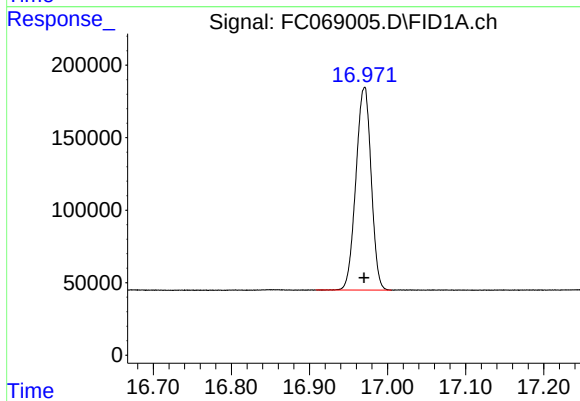
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: 0.000 min
Response: 1941565
Conc: 20.62 ug/ml



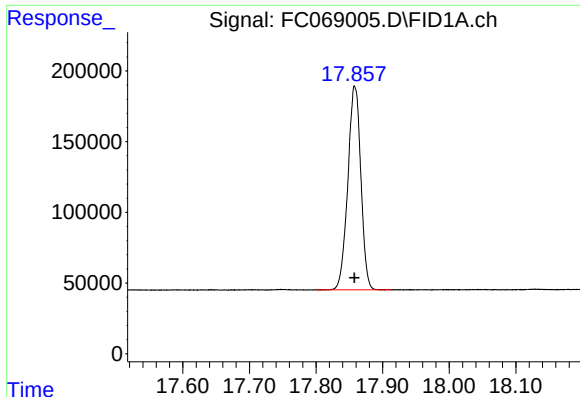
#15 n-Hexacosane (C26)

R.T.: 16.019 min
Delta R.T.: 0.000 min
Response: 1908697
Conc: 20.56 ug/ml



#16 n-Octacosane (C28)

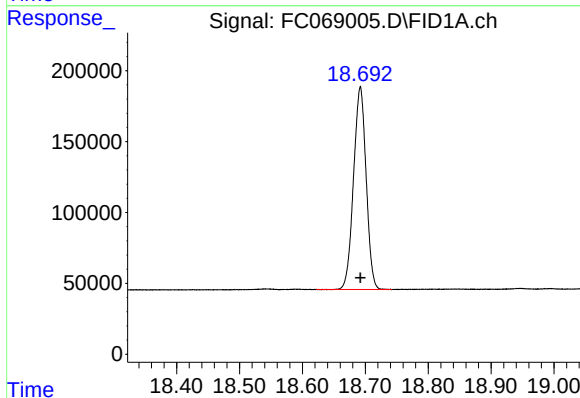
R.T.: 16.970 min
Delta R.T.: 0.000 min
Response: 1896349
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

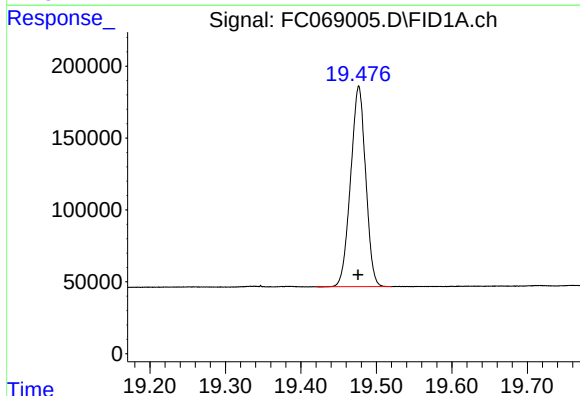
R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 1957016
Conc: 20.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



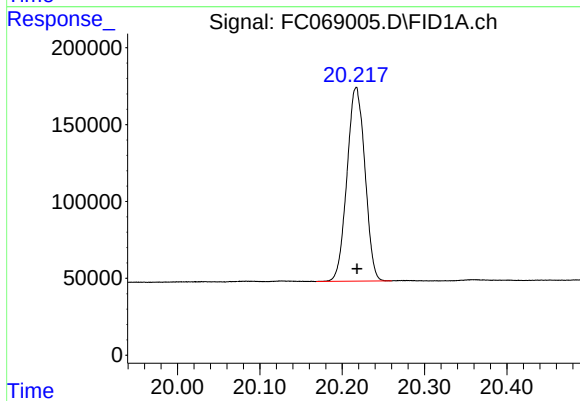
#18 n-Dotriacontane (C32)

R.T.: 18.692 min
Delta R.T.: 0.000 min
Response: 1989071
Conc: 20.07 ug/ml



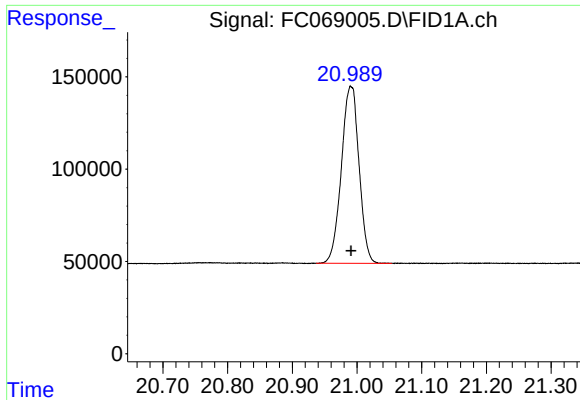
#19 n-Tetratriacontane (C34)

R.T.: 19.477 min
Delta R.T.: 0.000 min
Response: 1929370
Conc: 20.02 ug/ml



#20 n-Hexatriacontane (C36)

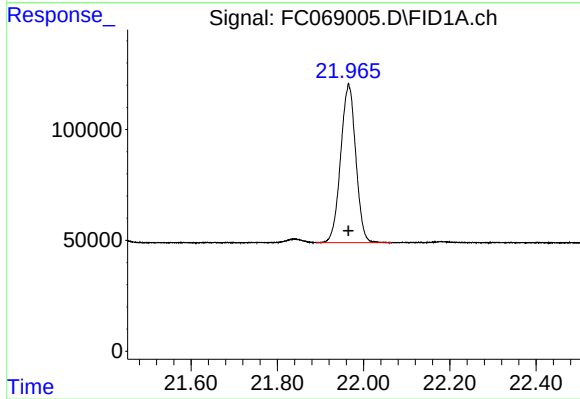
R.T.: 20.217 min
Delta R.T.: -0.001 min
Response: 1906809
Conc: 20.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.991 min
Delta R.T.: 0.000 min
Response: 1817968
Conc: 19.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: 0.000 min
Response: 1733019
Conc: 19.64 ug/ml