

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080725AL\
 Data File : FC069609.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2025 21:42
 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 08 02:29:03 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)	11.667	2653754	17.788 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
12) S 1-chlorooctadecane (S...	13.103	1994034	18.290 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T n-Nonane (C9)	3.400	2514332	17.648 ug/ml
2) T n-Decane (C10)	4.472	2560332	17.611 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2784718	17.947 ug/ml
4) T n-Dodecane (C12)	6.497	2570461	17.584 ug/ml
5) T A~2-methylnaphthalene...	7.128	2660706	18.066 ug/ml
6) T n-Tetradecane (C14)	8.296	2498077	17.504 ug/ml
7) T n-Hexadecane (C16)	9.900	2542030	17.633 ug/ml
8) T n-Octadecane (C18)	11.344	2494532	17.640 ug/ml
10) T n-Eicosane (C20)	12.657	2339225	17.758 ug/ml
11) T n-Heneicosane (C21)	13.270	2264290	17.753 ug/ml
13) T n-Docosane (C22)	13.857	2222461	17.791 ug/ml
14) T n-Tetracosane (C24)	14.961	2150223	17.819 ug/ml
15) T n-Hexacosane (C26)	15.984	2053281	17.770 ug/ml
16) T n-Octacosane (C28)	16.935	1966494	17.544 ug/ml
17) T n-Tricontane (C30)	17.824	1966611	17.176 ug/ml
18) T n-Dotriacontane (C32)	18.657	1895776	17.066 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1748143	17.168 ug/ml
20) T n-Hexatriacontane (C36)	20.184	1538623	17.256 ug/ml
21) T n-Octatriacontane (C38)	20.948	1443639	17.946 ug/ml
22) T n-Tetracontane (C40)	21.910	1384774	18.493 ug/ml

(f)=RT Delta > 1/2 Window

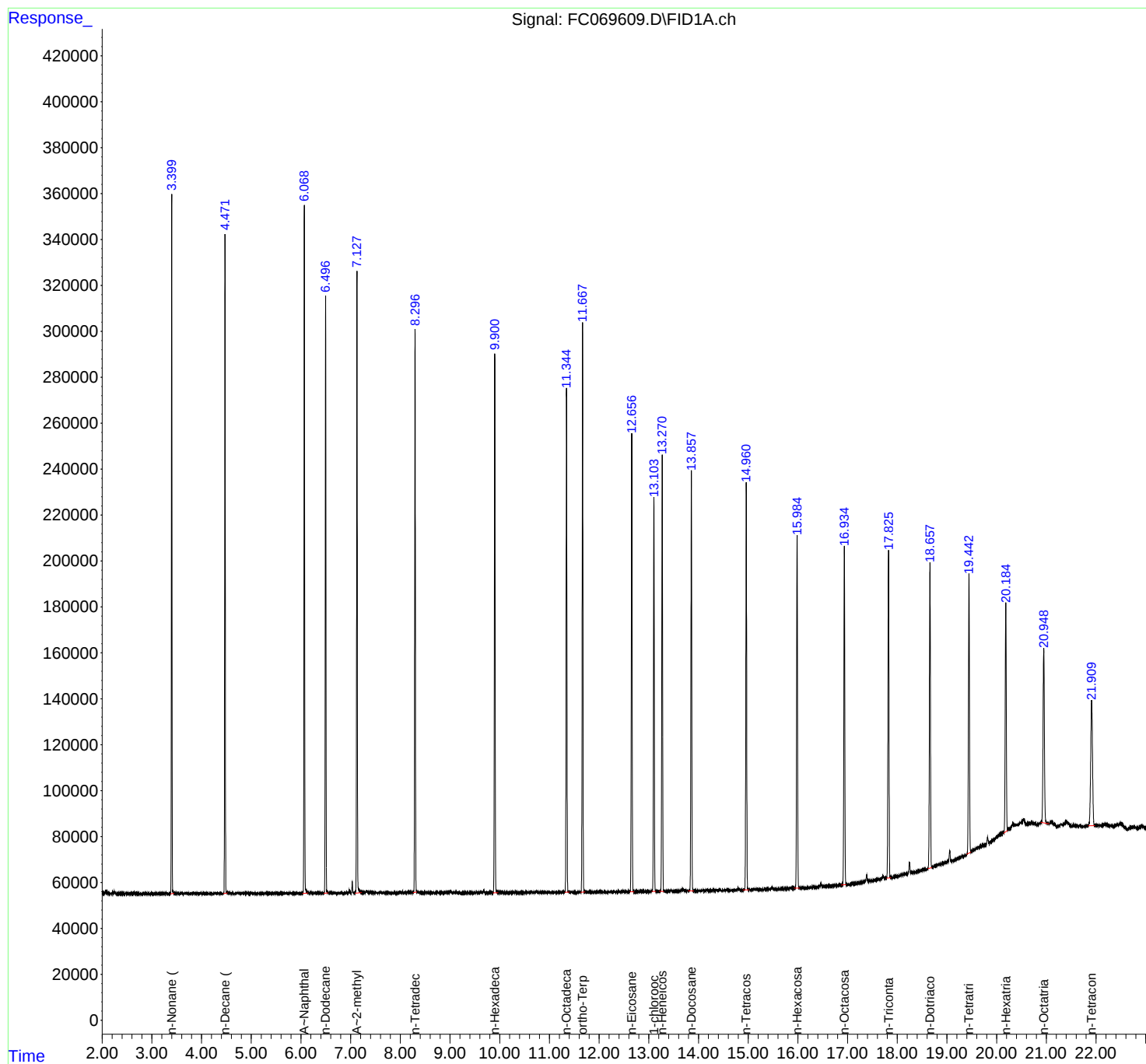
(m)=manual int.

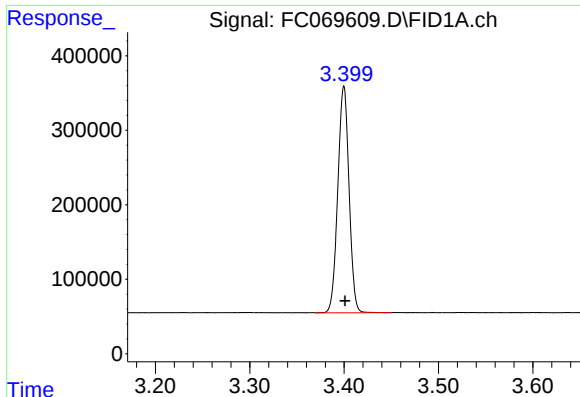
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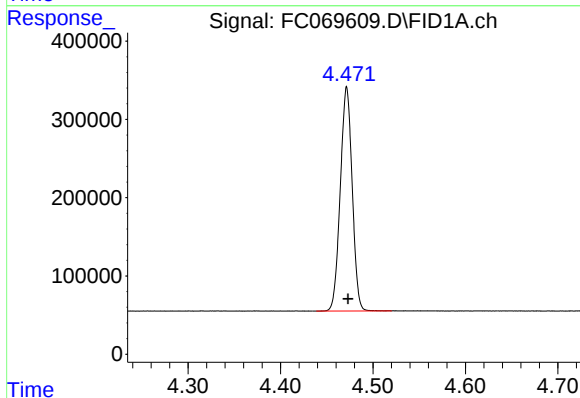




#1 n-Nonane (C9)

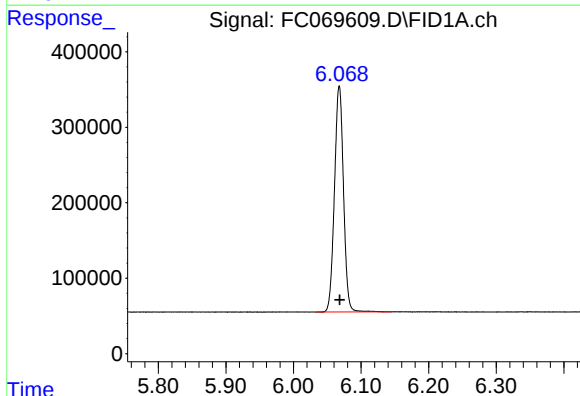
R.T.: 3.400 min
Delta R.T.: -0.001 min
Response: 2514332
Conc: 17.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



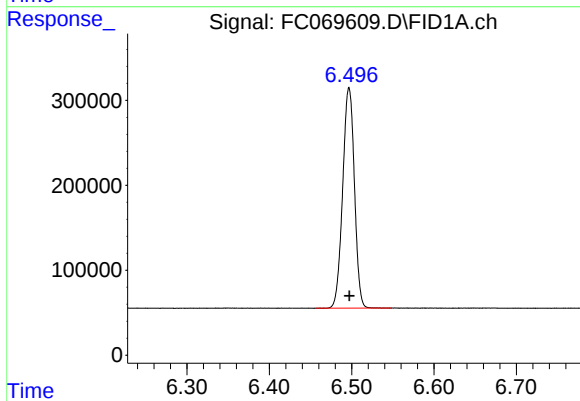
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.001 min
Response: 2560332
Conc: 17.61 ug/ml



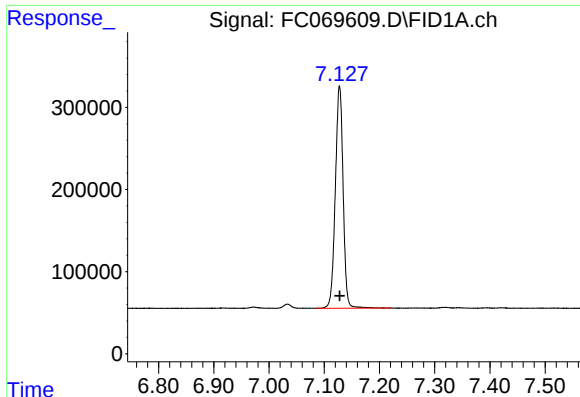
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 2784718
Conc: 17.95 ug/ml



#4 n-Dodecane (C12)

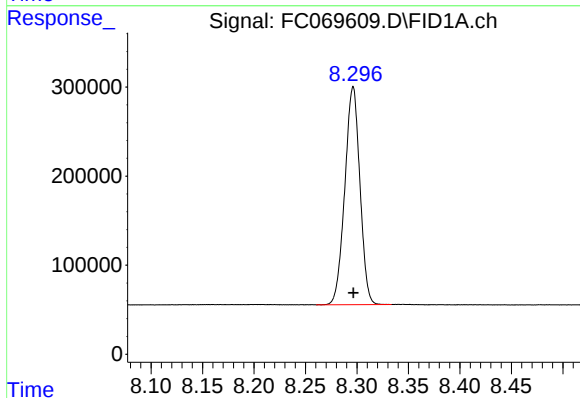
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 2570461
Conc: 17.58 ug/ml



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

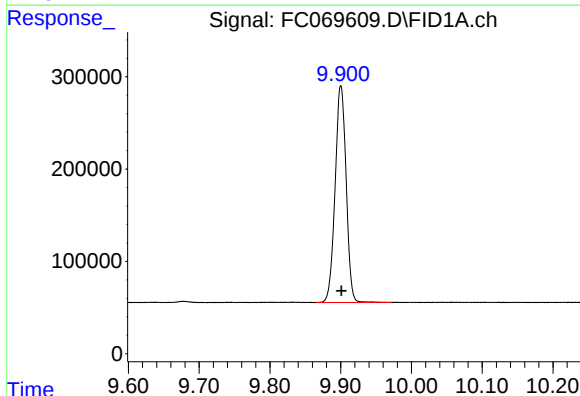
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 2660706
Conc: 18.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



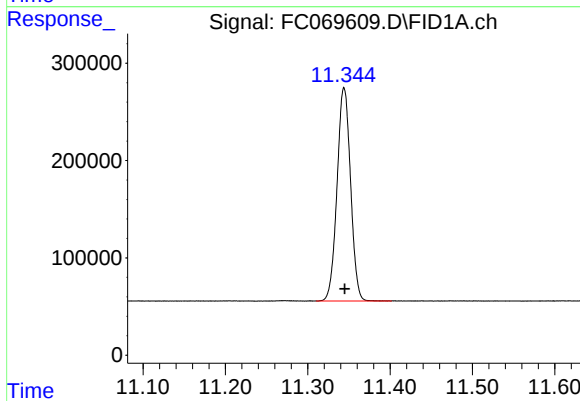
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 2498077
Conc: 17.50 ug/ml



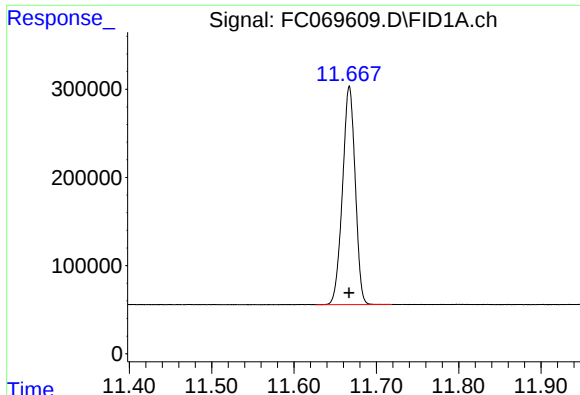
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 2542030
Conc: 17.63 ug/ml



#8 n-Octadecane (C18)

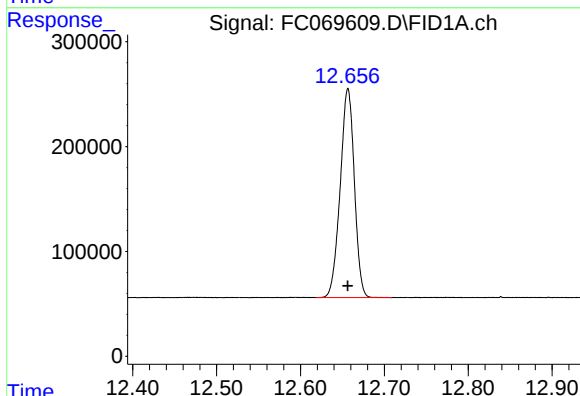
R.T.: 11.344 min
Delta R.T.: 0.000 min
Response: 2494532
Conc: 17.64 ug/ml



#9 ortho-Terphenyl (SURR)

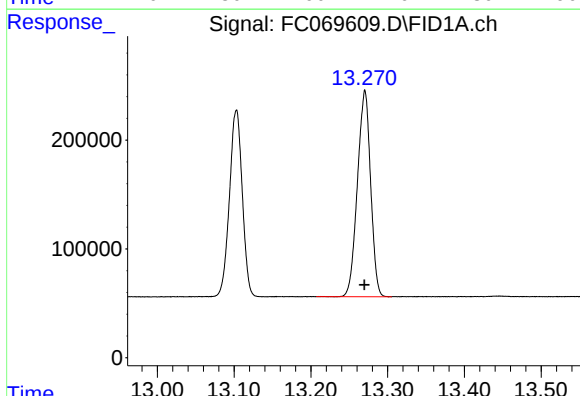
R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 2653754
Conc: 17.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



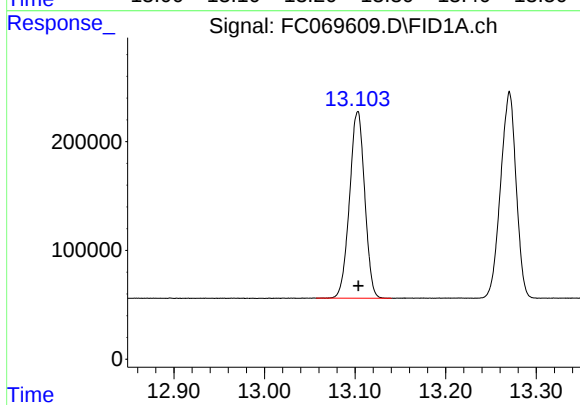
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.000 min
Response: 2339225
Conc: 17.76 ug/ml



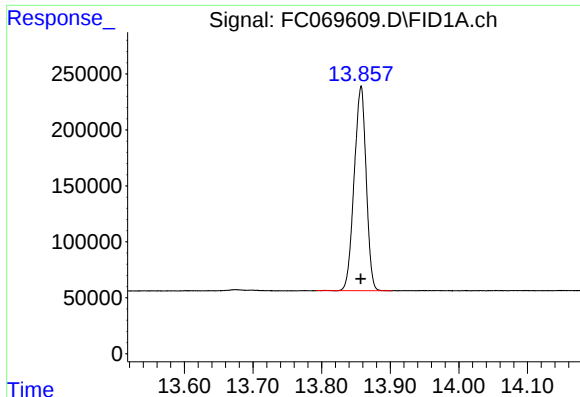
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 2264290
Conc: 17.75 ug/ml



#12 1-chlorooctadecane (SURR)

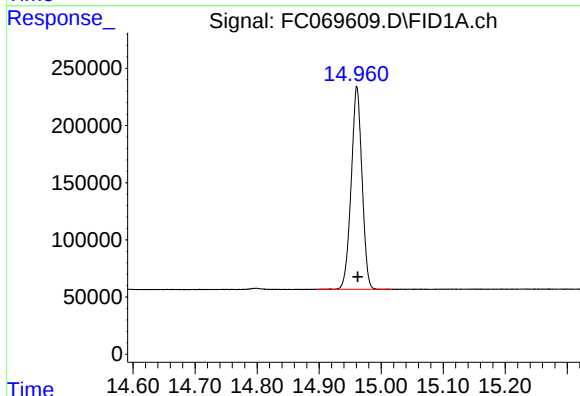
R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 1994034
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

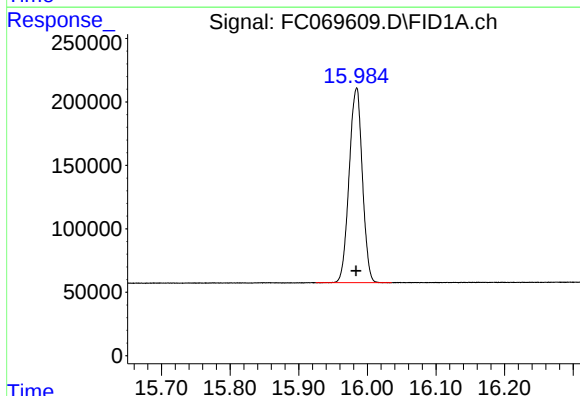
R.T.: 13.857 min
Delta R.T.: 0.000 min
Response: 2222461
Conc: 17.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



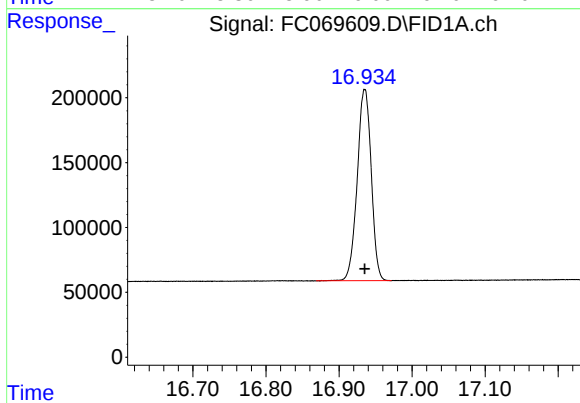
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.001 min
Response: 2150223
Conc: 17.82 ug/ml



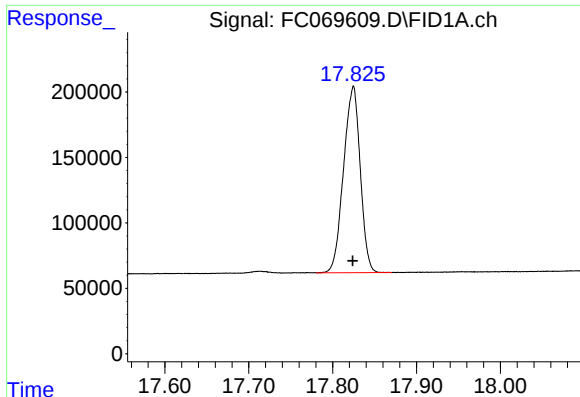
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.000 min
Response: 2053281
Conc: 17.77 ug/ml



#16 n-Octacosane (C28)

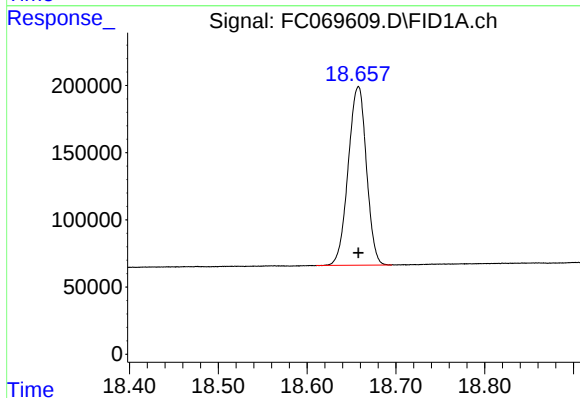
R.T.: 16.935 min
Delta R.T.: 0.000 min
Response: 1966494
Conc: 17.54 ug/ml



#17 n-Tricontane (C30)

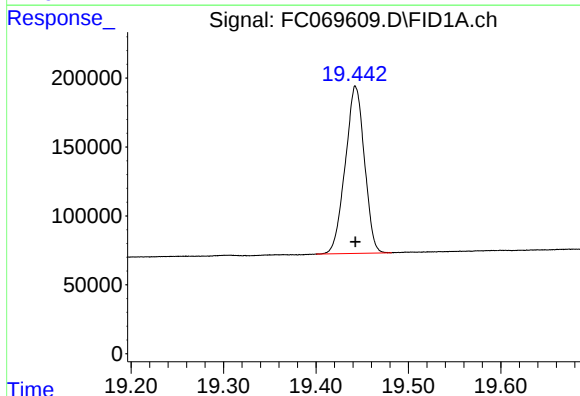
R.T.: 17.824 min
Delta R.T.: 0.000 min
Response: 1966611
Conc: 17.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



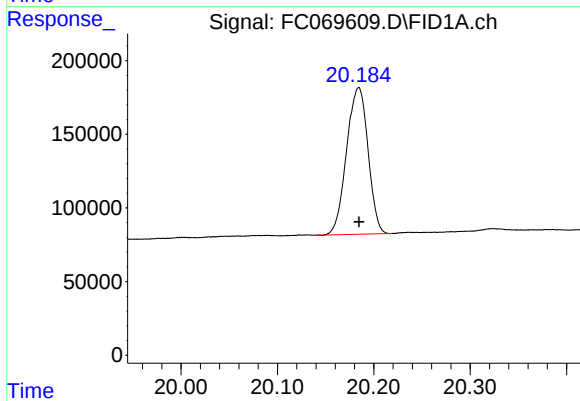
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: 0.000 min
Response: 1895776
Conc: 17.07 ug/ml



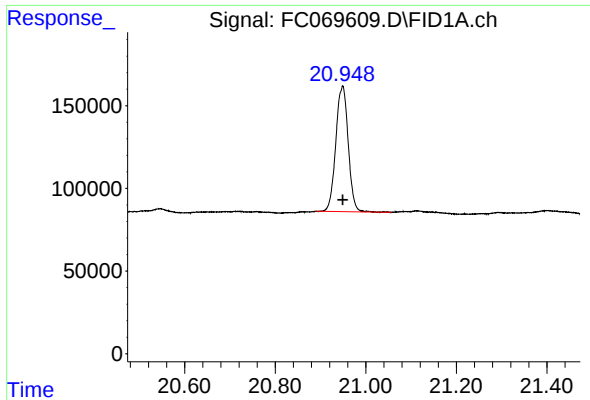
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: 0.000 min
Response: 1748143
Conc: 17.17 ug/ml



#20 n-Hexatriacontane (C36)

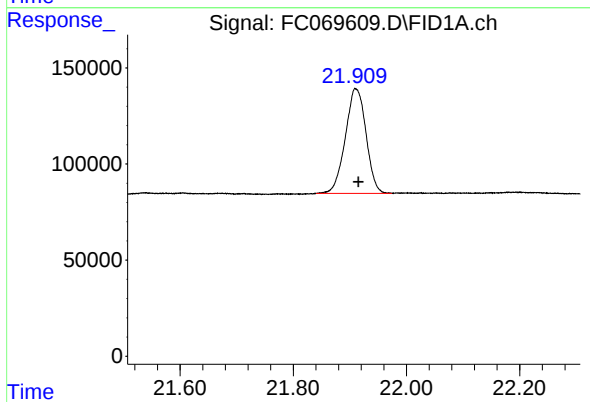
R.T.: 20.184 min
Delta R.T.: 0.000 min
Response: 1538623
Conc: 17.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: 0.000 min
Response: 1443639
Conc: 17.95 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: -0.005 min
Response: 1384774
Conc: 18.49 ug/ml