

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080725AL\
 Data File : FC069599.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2025 11:33
 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 02:24:43 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	2599473	17.424 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
12) S 1-chlorooctadecane (S...	13.102	1962743	18.003 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
Target Compounds			
1) T n-Nonane (C9)	3.400	2428198	17.043 ug/ml
2) T n-Decane (C10)	4.472	2482192	17.074 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2688500	17.327 ug/ml
4) T n-Dodecane (C12)	6.497	2506305	17.145 ug/ml
5) T A~2-methylnaphthalene...	7.128	2573134	17.472 ug/ml
6) T n-Tetradecane (C14)	8.296	2467614	17.291 ug/ml
7) T n-Hexadecane (C16)	9.900	2509913	17.411 ug/ml
8) T n-Octadecane (C18)	11.345	2470382	17.469 ug/ml
10) T n-Eicosane (C20)	12.655	2310977	17.543 ug/ml
11) T n-Heneicosane (C21)	13.269	2237822	17.546 ug/ml
13) T n-Docosane (C22)	13.856	2195328	17.574 ug/ml
14) T n-Tetracosane (C24)	14.961	2122262	17.587 ug/ml
15) T n-Hexacosane (C26)	15.983	2015193	17.440 ug/ml
16) T n-Octacosane (C28)	16.934	1927076	17.192 ug/ml
17) T n-Tricontane (C30)	17.823	1915031	16.726 ug/ml
18) T n-Dotriacontane (C32)	18.656	1830865	16.482 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1691662	16.614 ug/ml
20) T n-Hexatriacontane (C36)	20.183	1519824	17.045 ug/ml
21) T n-Octatriacontane (C38)	20.947	1401658	17.424 ug/ml
22) T n-Tetracontane (C40)	21.909	1350896	18.040 ug/ml

(f)=RT Delta > 1/2 Window

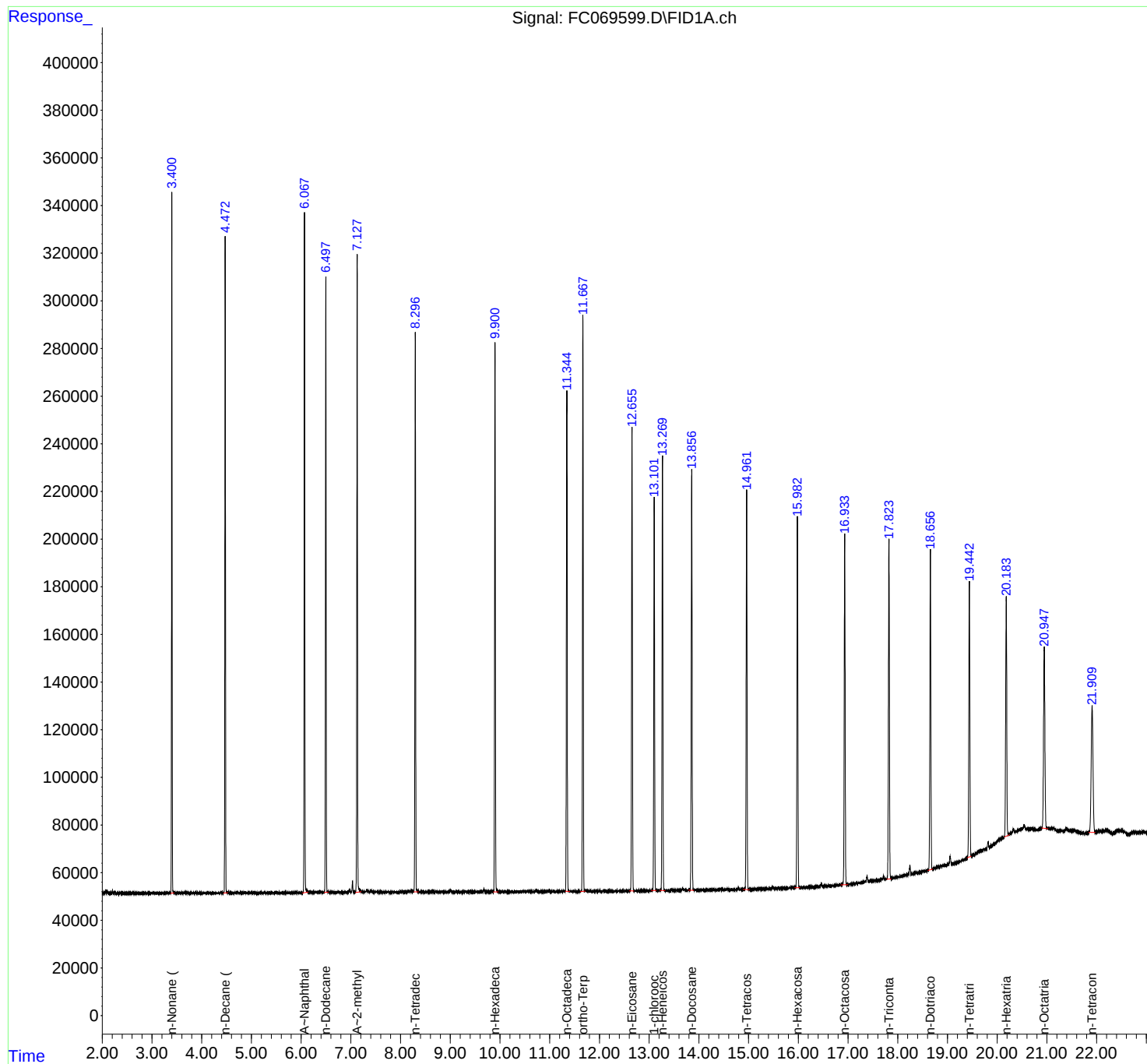
(m)=manual int.

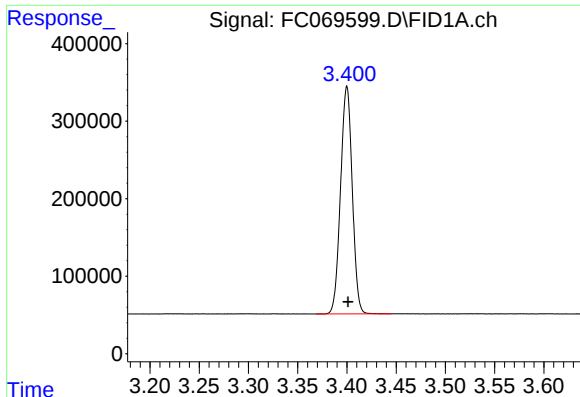
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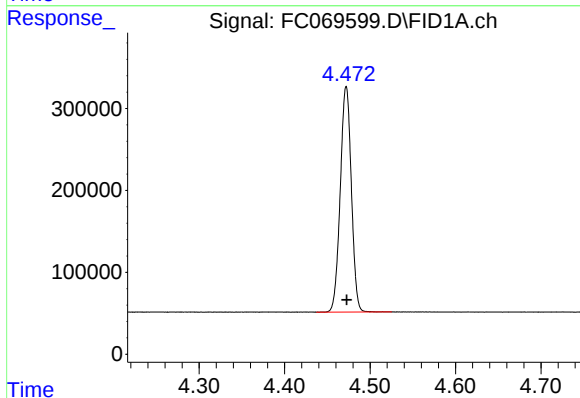




#1 n-Nonane (C9)

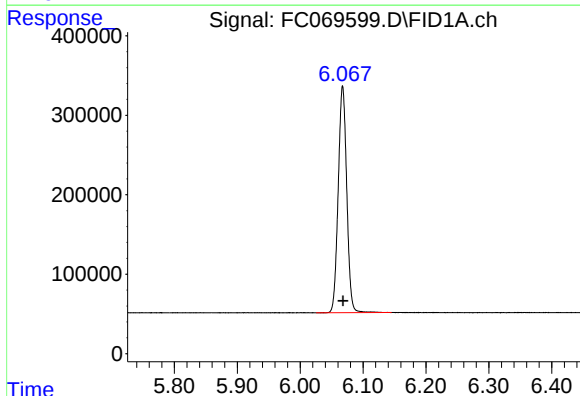
R.T.: 3.400 min
Delta R.T.: -0.001 min
Response: 2428198
Conc: 17.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



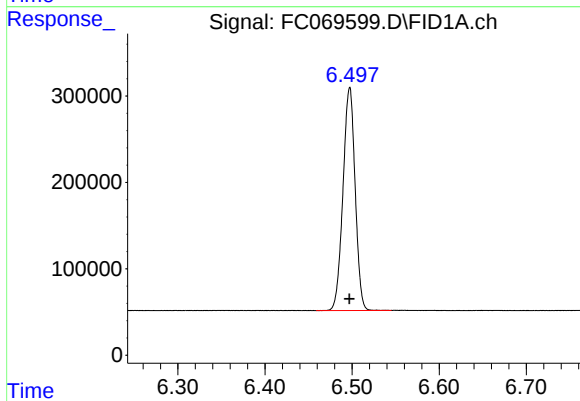
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2482192
Conc: 17.07 ug/ml



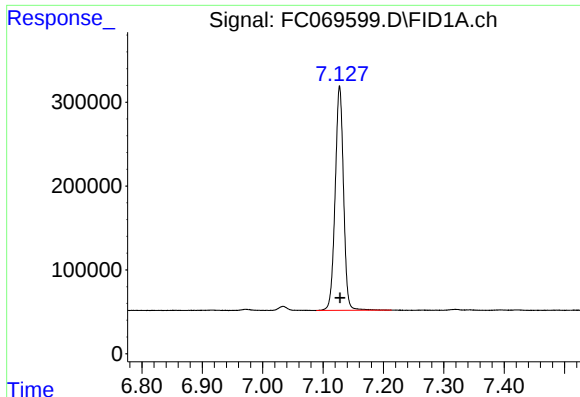
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 2688500
Conc: 17.33 ug/ml



#4 n-Dodecane (C12)

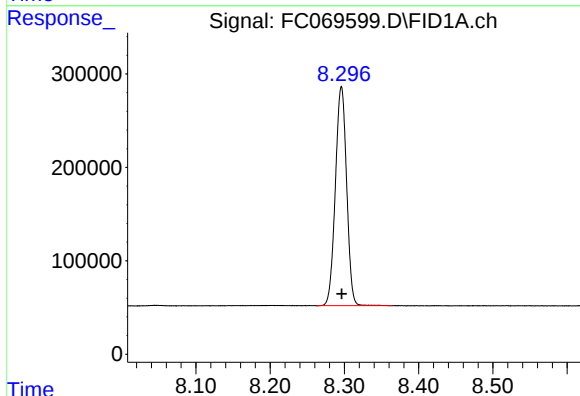
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 2506305
Conc: 17.14 ug/ml



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

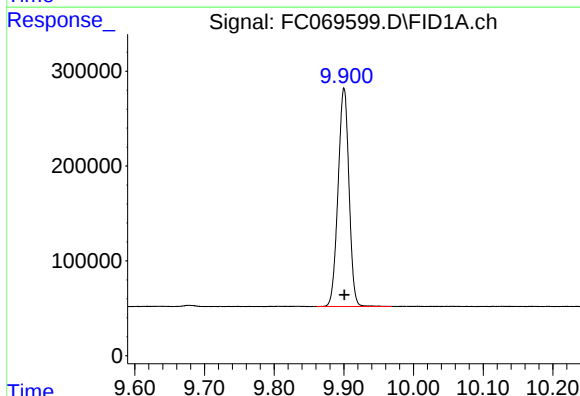
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 2573134
Conc: 17.47 ug/ml

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20 PPM ALIPHATIC HC STD



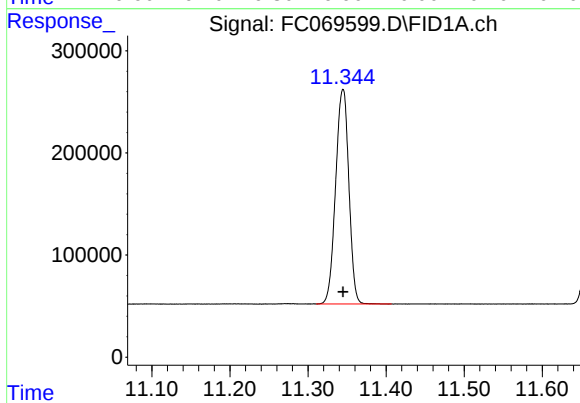
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 2467614
Conc: 17.29 ug/ml



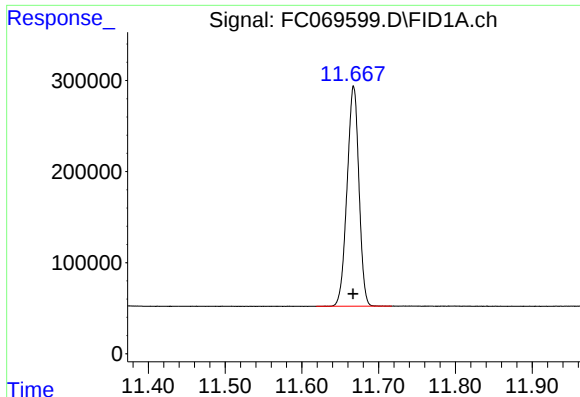
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 2509913
Conc: 17.41 ug/ml



#8 n-Octadecane (C18)

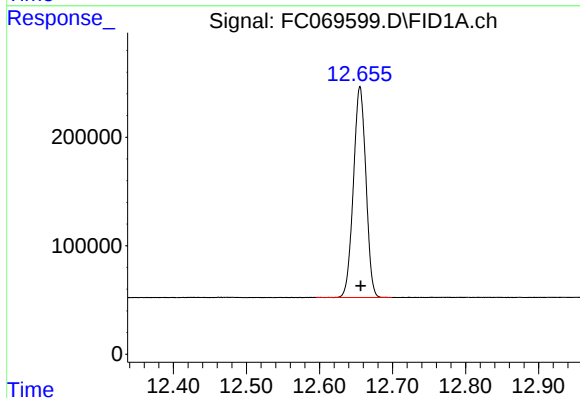
R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 2470382
Conc: 17.47 ug/ml



#9 ortho-Terphenyl (SURR)

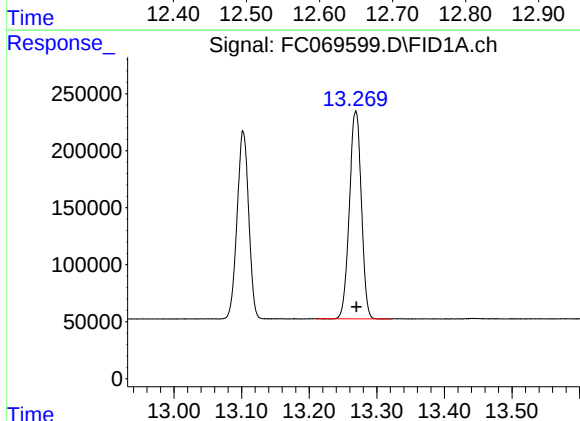
R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 2599473
Conc: 17.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



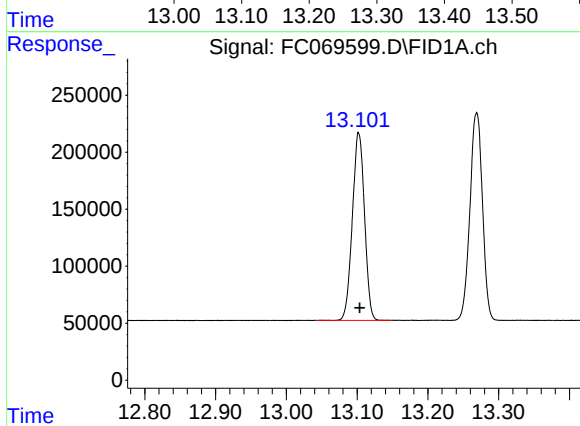
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: 0.000 min
Response: 2310977
Conc: 17.54 ug/ml



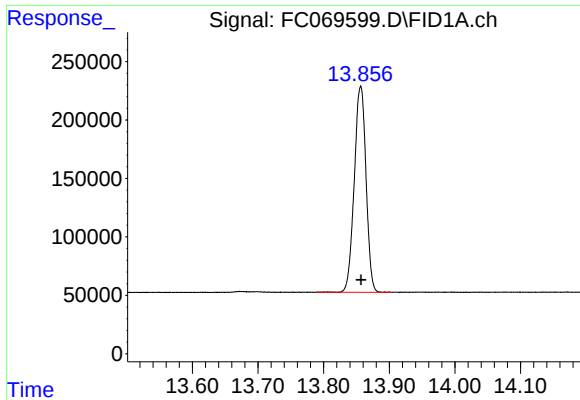
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 2237822
Conc: 17.55 ug/ml



#12 1-chlorooctadecane (SURR)

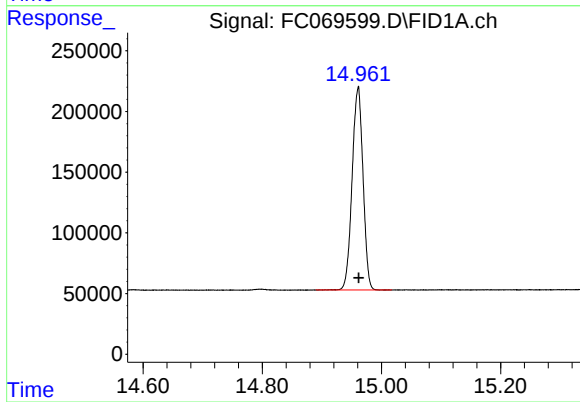
R.T.: 13.102 min
Delta R.T.: -0.001 min
Response: 1962743
Conc: 18.00 ug/ml



#13 n-Docosane (C22)

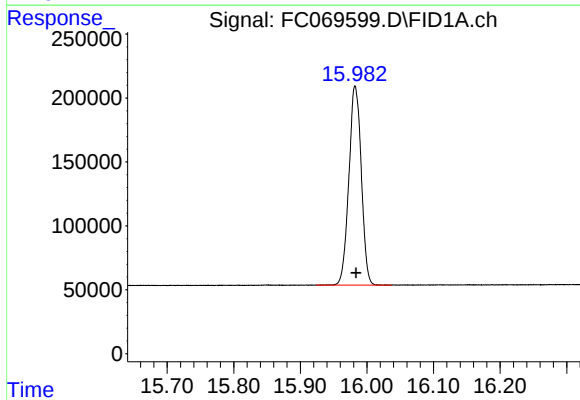
R.T.: 13.856 min
Delta R.T.: 0.000 min
Response: 2195328
Conc: 17.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



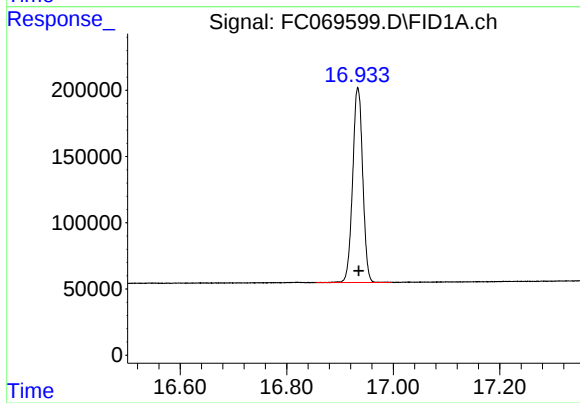
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.001 min
Response: 2122262
Conc: 17.59 ug/ml



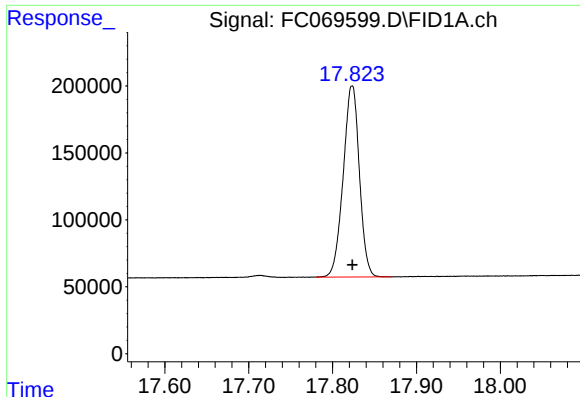
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.000 min
Response: 2015193
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

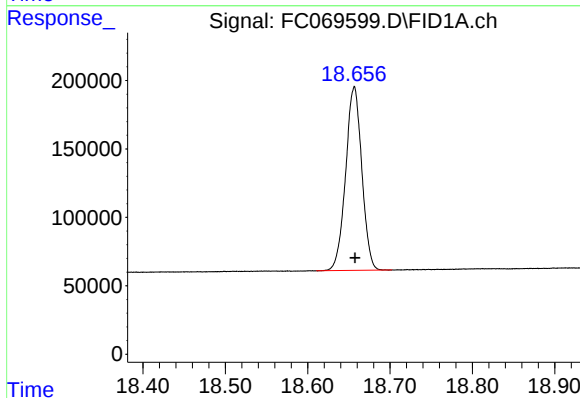
R.T.: 16.934 min
Delta R.T.: -0.002 min
Response: 1927076
Conc: 17.19 ug/ml



#17 n-Tricontane (C30)

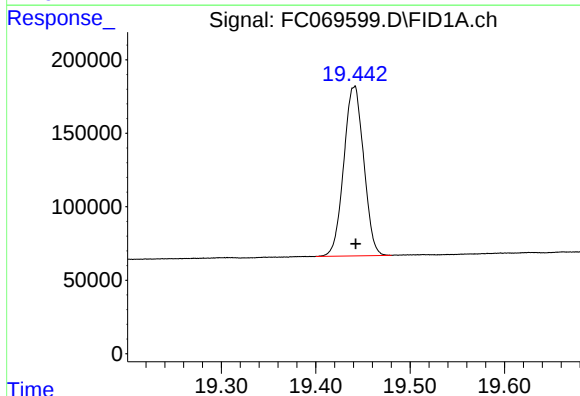
R.T.: 17.823 min
Delta R.T.: 0.000 min
Response: 1915031
Conc: 16.73 ug/ml

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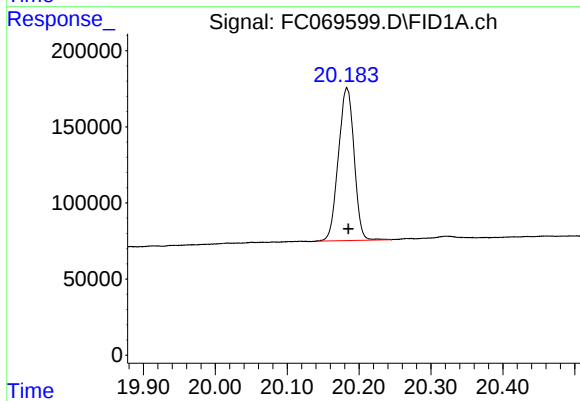
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.001 min
Response: 1830865
Conc: 16.48 ug/ml



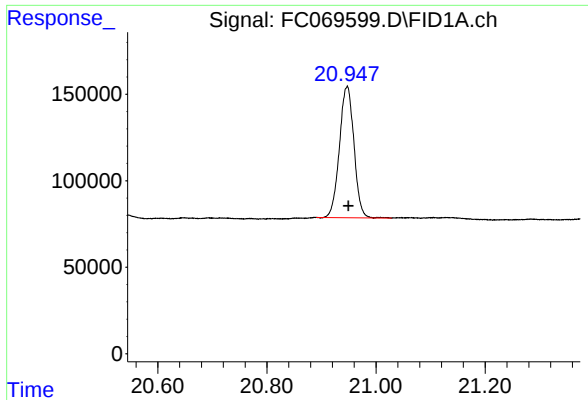
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.002 min
Response: 1691662
Conc: 16.61 ug/ml



#20 n-Hexatriacontane (C36)

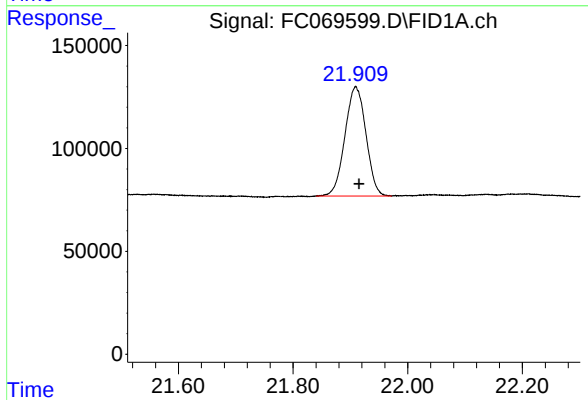
R.T.: 20.183 min
Delta R.T.: -0.002 min
Response: 1519824
Conc: 17.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: -0.002 min
Response: 1401658
Conc: 17.42 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.909 min
Delta R.T.: -0.006 min
Response: 1350896
Conc: 18.04 ug/ml