

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080825AL\
 Data File : FC069631.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2025 23:30
 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 11 01:21:21 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)	11.665	2627136	17.610 ug/ml
Spiked Amount 50.000		Recovery =	35.22%
12) S 1-chlorooctadecane (S...	13.100	1969393	18.064 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
Target Compounds			
1) T n-Nonane (C9)	3.396	2494143	17.506 ug/ml
2) T n-Decane (C10)	4.469	2533723	17.428 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2747528	17.707 ug/ml
4) T n-Dodecane (C12)	6.494	2535917	17.347 ug/ml
5) T A~2-methylnaphthalene...	7.124	2622878	17.810 ug/ml
6) T n-Tetradecane (C14)	8.294	2464273	17.268 ug/ml
7) T n-Hexadecane (C16)	9.897	2509949	17.411 ug/ml
8) T n-Octadecane (C18)	11.342	2466415	17.441 ug/ml
10) T n-Eicosane (C20)	12.654	2309197	17.530 ug/ml
11) T n-Heneicosane (C21)	13.266	2238233	17.549 ug/ml
13) T n-Docosane (C22)	13.854	2192556	17.552 ug/ml
14) T n-Tetracosane (C24)	14.959	2124456	17.605 ug/ml
15) T n-Hexacosane (C26)	15.982	2035665	17.617 ug/ml
16) T n-Octacosane (C28)	16.932	1966742	17.546 ug/ml
17) T n-Tricontane (C30)	17.821	1995008	17.424 ug/ml
18) T n-Dotriacontane (C32)	18.655	1955422	17.603 ug/ml
19) T n-Tetratriacontane (C34)	19.440	1805240	17.729 ug/ml
20) T n-Hexatriacontane (C36)	20.181	1575759	17.672 ug/ml
21) T n-Octatriacontane (C38)	20.945	1445405	17.968 ug/ml
22) T n-Tetracontane (C40)	21.907	1361884	18.187 ug/ml

(f)=RT Delta > 1/2 Window

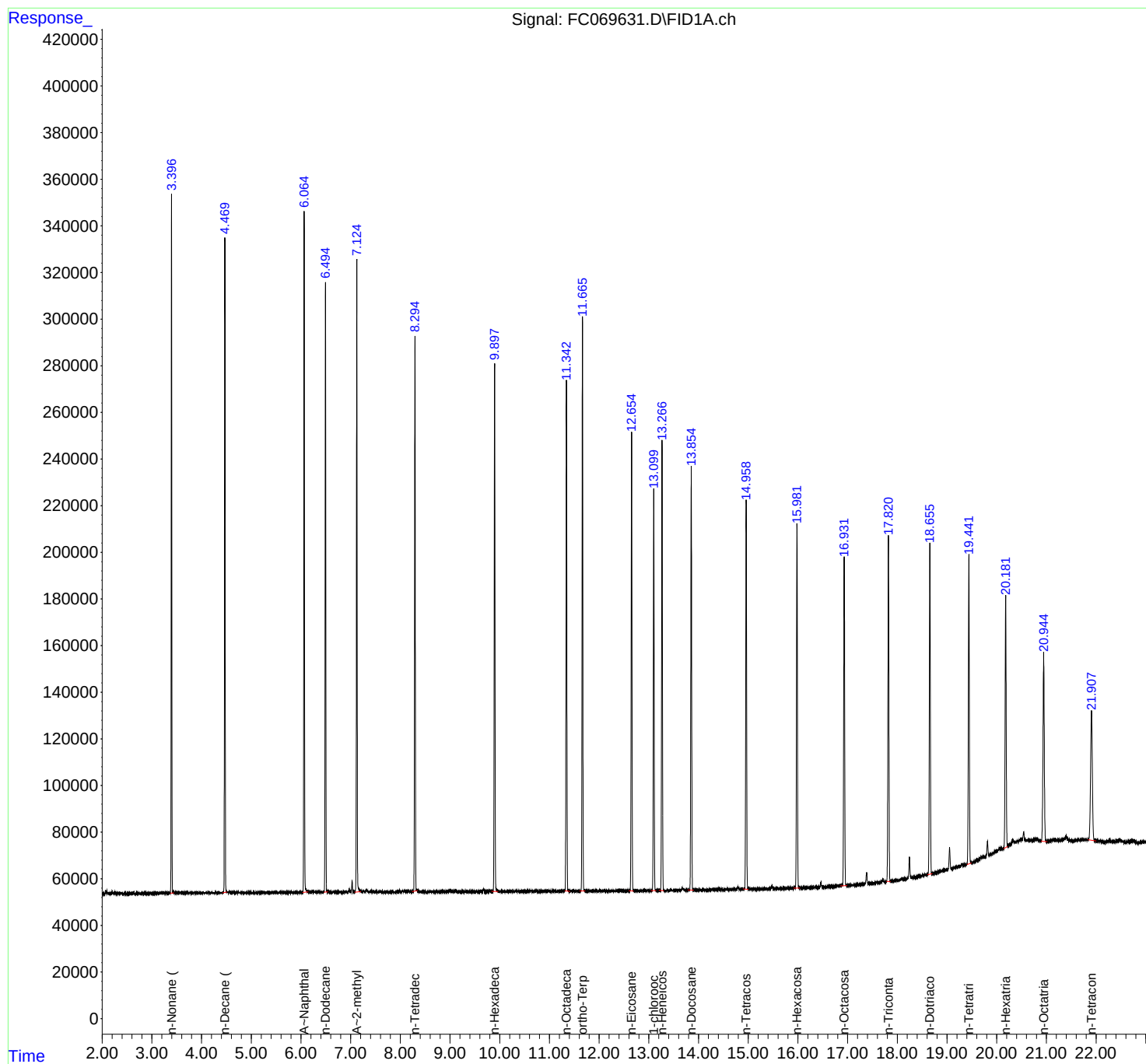
(m)=manual int.

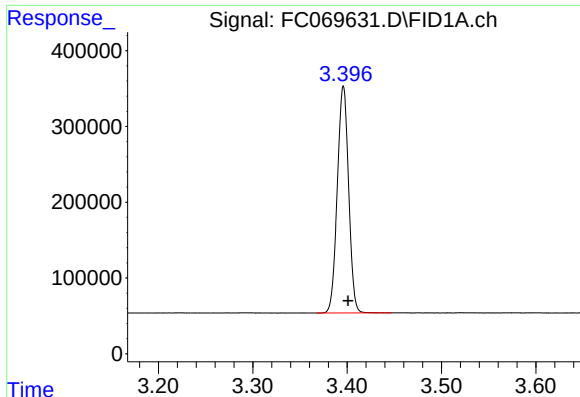
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080825AL\
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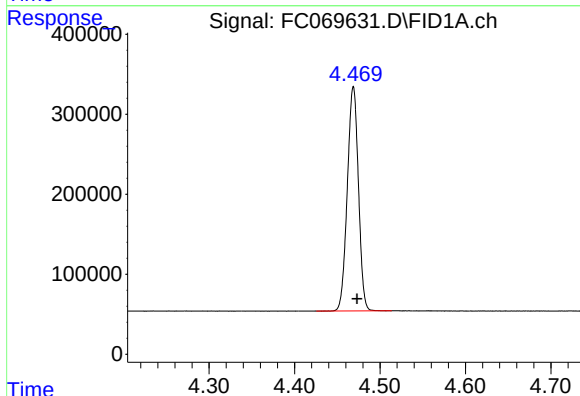




#1 n-Nonane (C9)

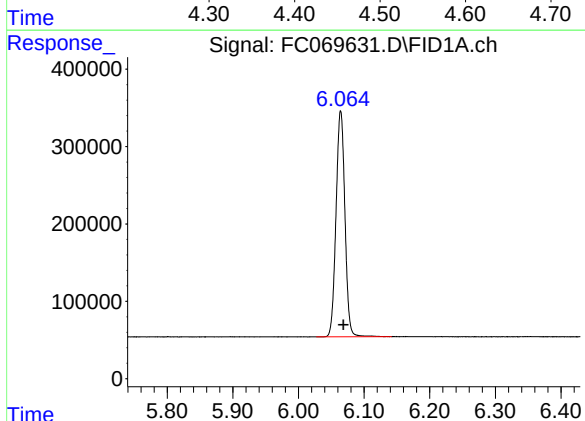
R.T.: 3.396 min
Delta R.T.: -0.005 min
Response: 2494143
Conc: 17.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



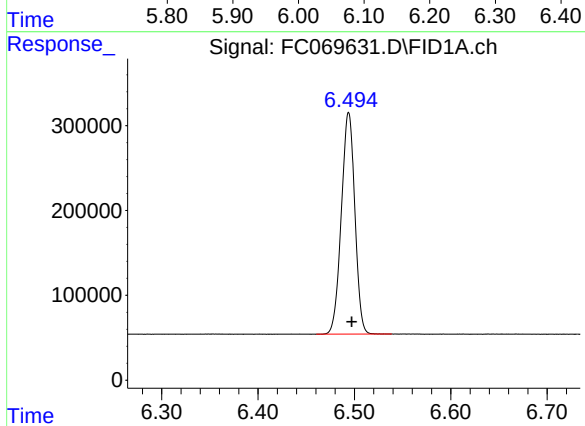
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.004 min
Response: 2533723
Conc: 17.43 ug/ml



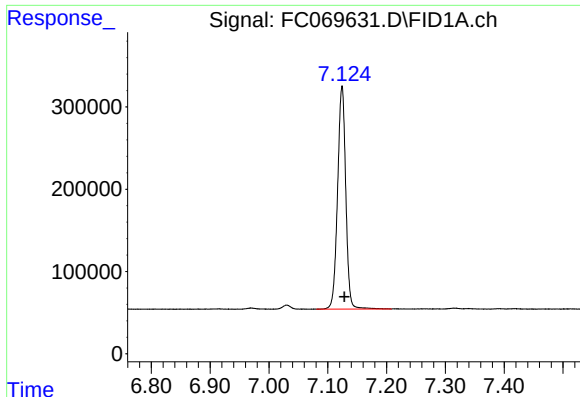
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.004 min
Response: 2747528
Conc: 17.71 ug/ml



#4 n-Dodecane (C12)

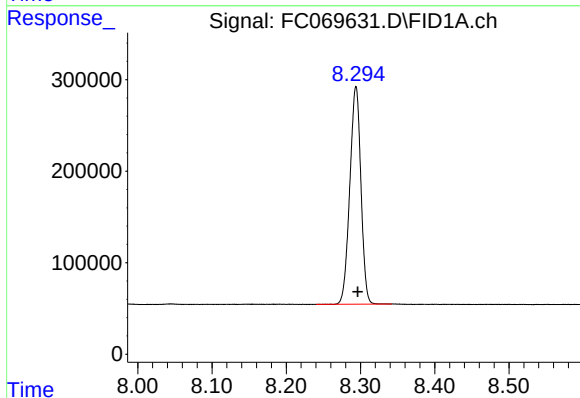
R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 2535917
Conc: 17.35 ug/ml



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

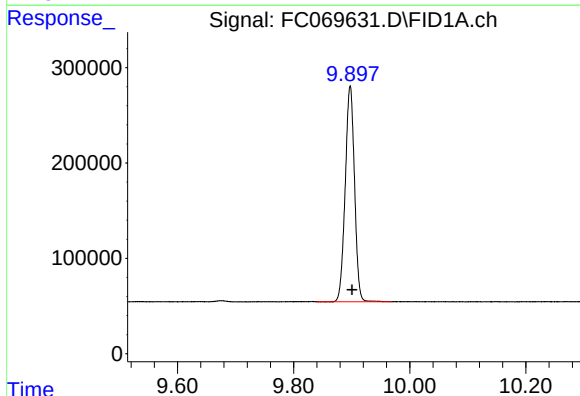
R.T.: 7.124 min
Delta R.T.: -0.004 min
Response: 2622878
Conc: 17.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



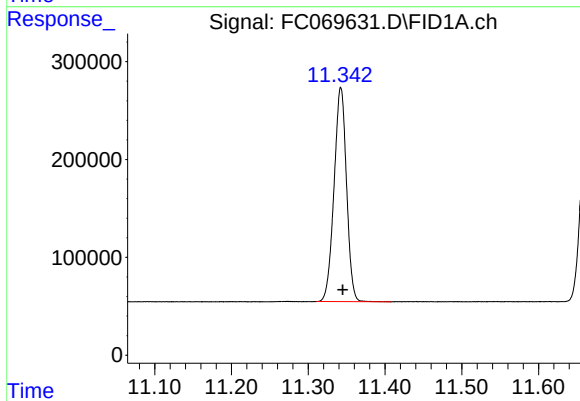
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: -0.003 min
Response: 2464273
Conc: 17.27 ug/ml



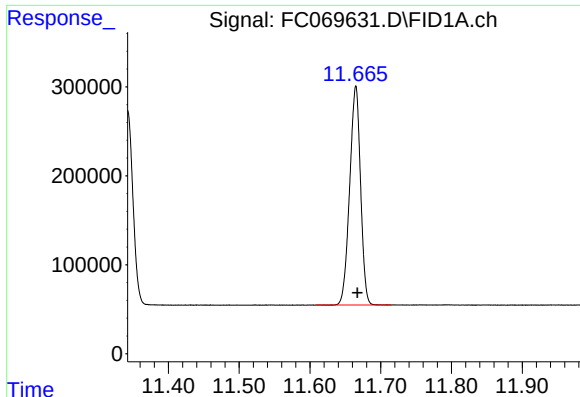
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: -0.004 min
Response: 2509949
Conc: 17.41 ug/ml



#8 n-Octadecane (C18)

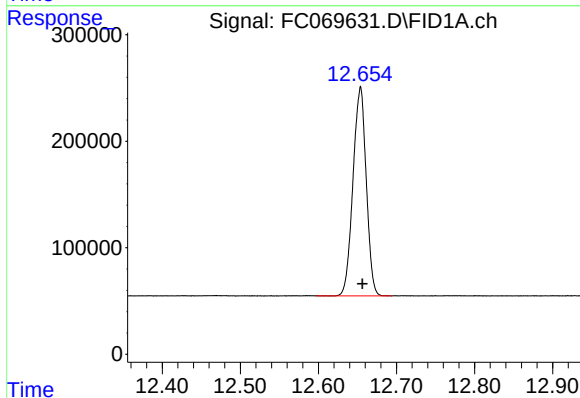
R.T.: 11.342 min
Delta R.T.: -0.002 min
Response: 2466415
Conc: 17.44 ug/ml



#9 ortho-Terphenyl (SURR)

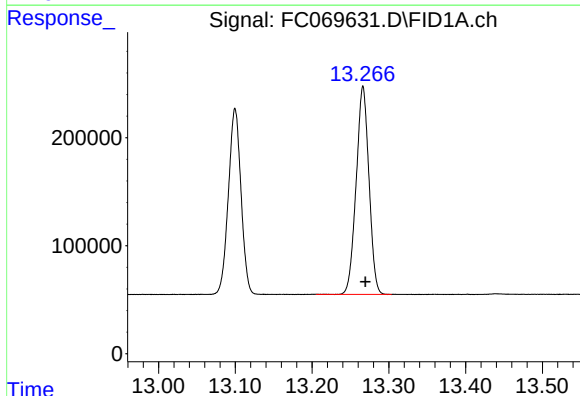
R.T.: 11.665 min
Delta R.T.: -0.002 min
Response: 2627136
Conc: 17.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



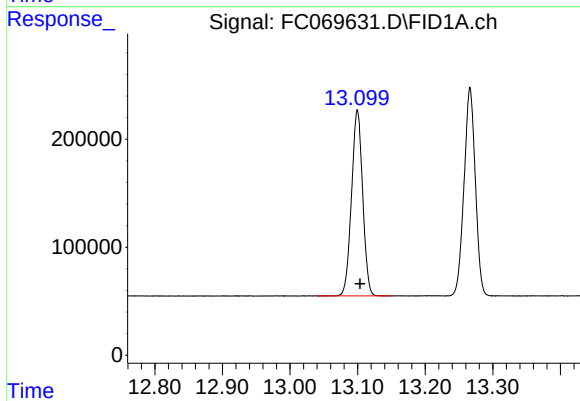
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: -0.003 min
Response: 2309197
Conc: 17.53 ug/ml



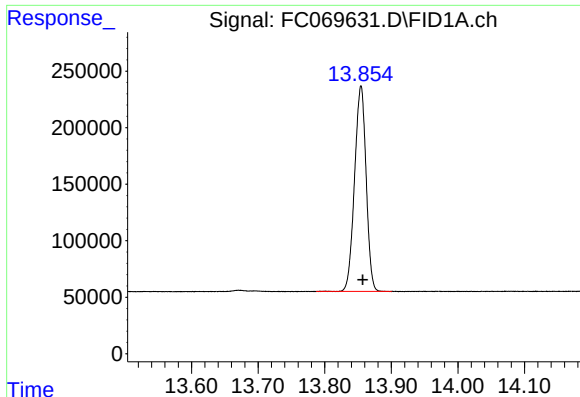
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.003 min
Response: 2238233
Conc: 17.55 ug/ml



#12 1-chlorooctadecane (SURR)

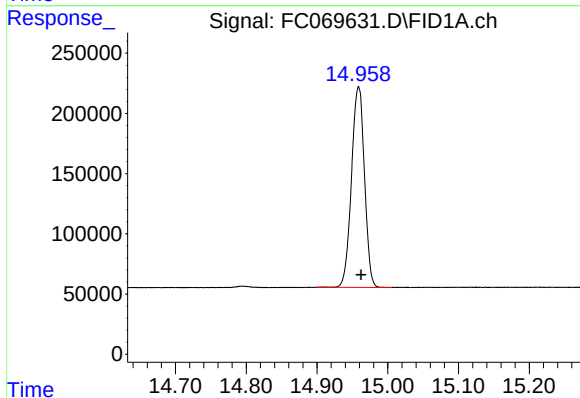
R.T.: 13.100 min
Delta R.T.: -0.004 min
Response: 1969393
Conc: 18.06 ug/ml



#13 n-Docosane (C22)

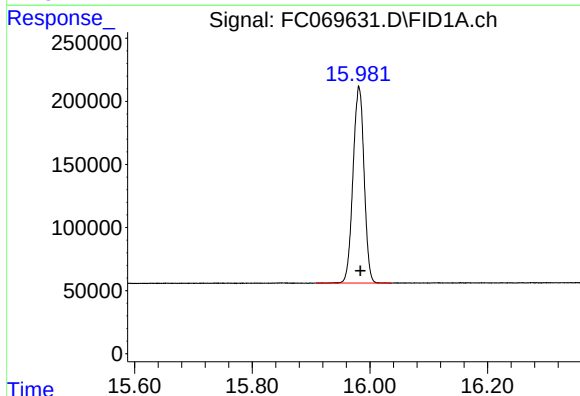
R.T.: 13.854 min
Delta R.T.: -0.003 min
Response: 2192556
Conc: 17.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



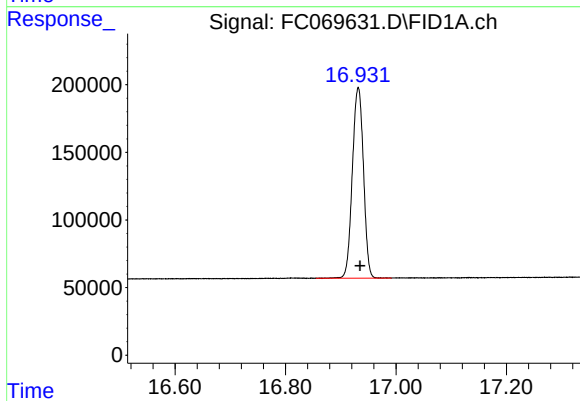
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: -0.003 min
Response: 2124456
Conc: 17.61 ug/ml



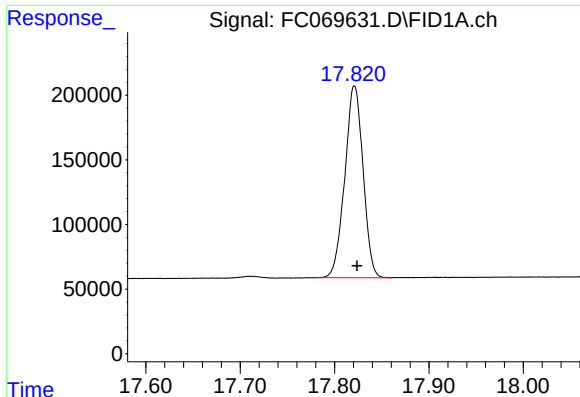
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: -0.002 min
Response: 2035665
Conc: 17.62 ug/ml



#16 n-Octacosane (C28)

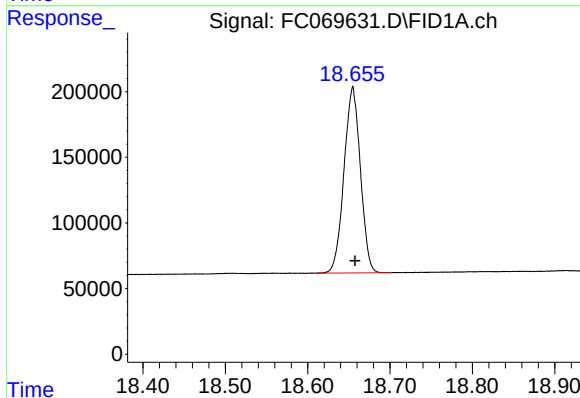
R.T.: 16.932 min
Delta R.T.: -0.004 min
Response: 1966742
Conc: 17.55 ug/ml



#17 n-Tricontane (C30)

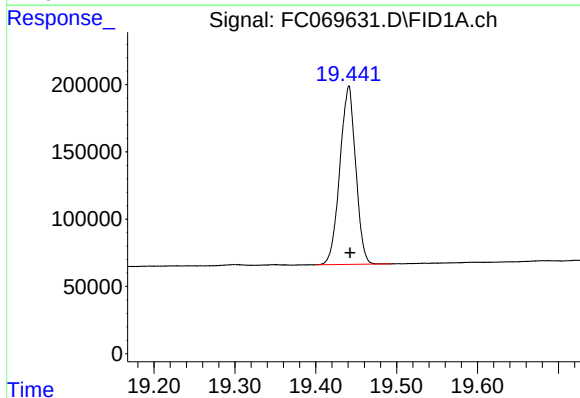
R.T.: 17.821 min
Delta R.T.: -0.003 min
Response: 1995008
Conc: 17.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



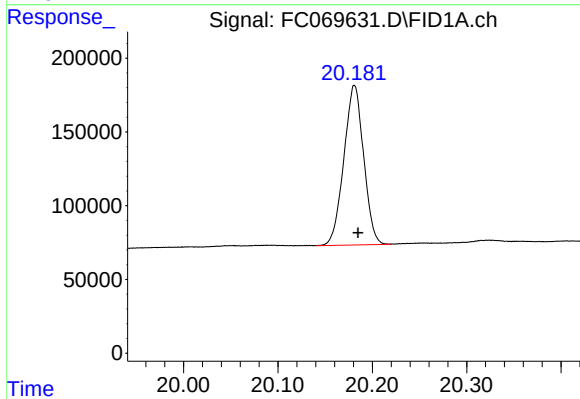
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.003 min
Response: 1955422
Conc: 17.60 ug/ml



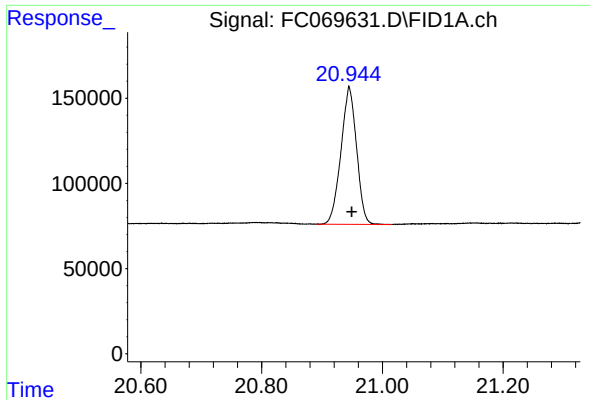
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.002 min
Response: 1805240
Conc: 17.73 ug/ml



#20 n-Hexatriacontane (C36)

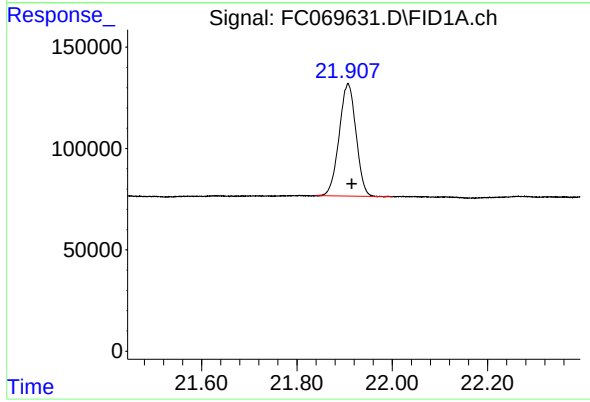
R.T.: 20.181 min
Delta R.T.: -0.004 min
Response: 1575759
Conc: 17.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.945 min
Delta R.T.: -0.004 min
Response: 1445405
Conc: 17.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.008 min
Response: 1361884
Conc: 18.19 ug/ml