

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050125AL\
 Data File : FC068729.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2025 11:42
 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: May 02 03:32:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.714	2318251	18.205 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
12) S 1-chlorooctadecane (S...	13.147	1652496	17.789 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
Target Compounds			
1) T n-Nonane (C9)	3.443	1947683	18.492 ug/ml
2) T n-Decane (C10)	4.519	1951049	18.518 ug/ml
3) T A~Naphthalene (C11.7)	6.117	2150551	18.466 ug/ml
4) T n-Dodecane (C12)	6.544	1924843	18.303 ug/ml
5) T A~2-methylnaphthalene...	7.175	2113317	18.297 ug/ml
6) T n-Tetradecane (C14)	8.342	1856124	18.055 ug/ml
7) T n-Hexadecane (C16)	9.946	1827192	17.942 ug/ml
8) T n-Octadecane (C18)	11.389	1806078	17.947 ug/ml
10) T n-Eicosane (C20)	12.701	1763466	17.929 ug/ml
11) T n-Heneicosane (C21)	13.314	1746420	17.920 ug/ml
13) T n-Docosane (C22)	13.901	1739073	18.004 ug/ml
14) T n-Tetracosane (C24)	15.005	1726850	18.142 ug/ml
15) T n-Hexacosane (C26)	16.028	1715540	18.367 ug/ml
16) T n-Octacosane (C28)	16.979	1746162	19.072 ug/ml
17) T n-Tricontane (C30)	17.868	1847598	20.097 ug/ml
18) T n-Dotriacontane (C32)	18.703	1911108	20.834 ug/ml
19) T n-Tetratriacontane (C34)	19.488	1856392	20.779 ug/ml
20) T n-Hexatriacontane (C36)	20.229	1867721	20.850 ug/ml
21) T n-Octatriacontane (C38)	21.004	1842122	20.836 ug/ml
22) T n-Tetracontane (C40)	21.984	1814701	20.550 ug/ml

(f)=RT Delta > 1/2 Window

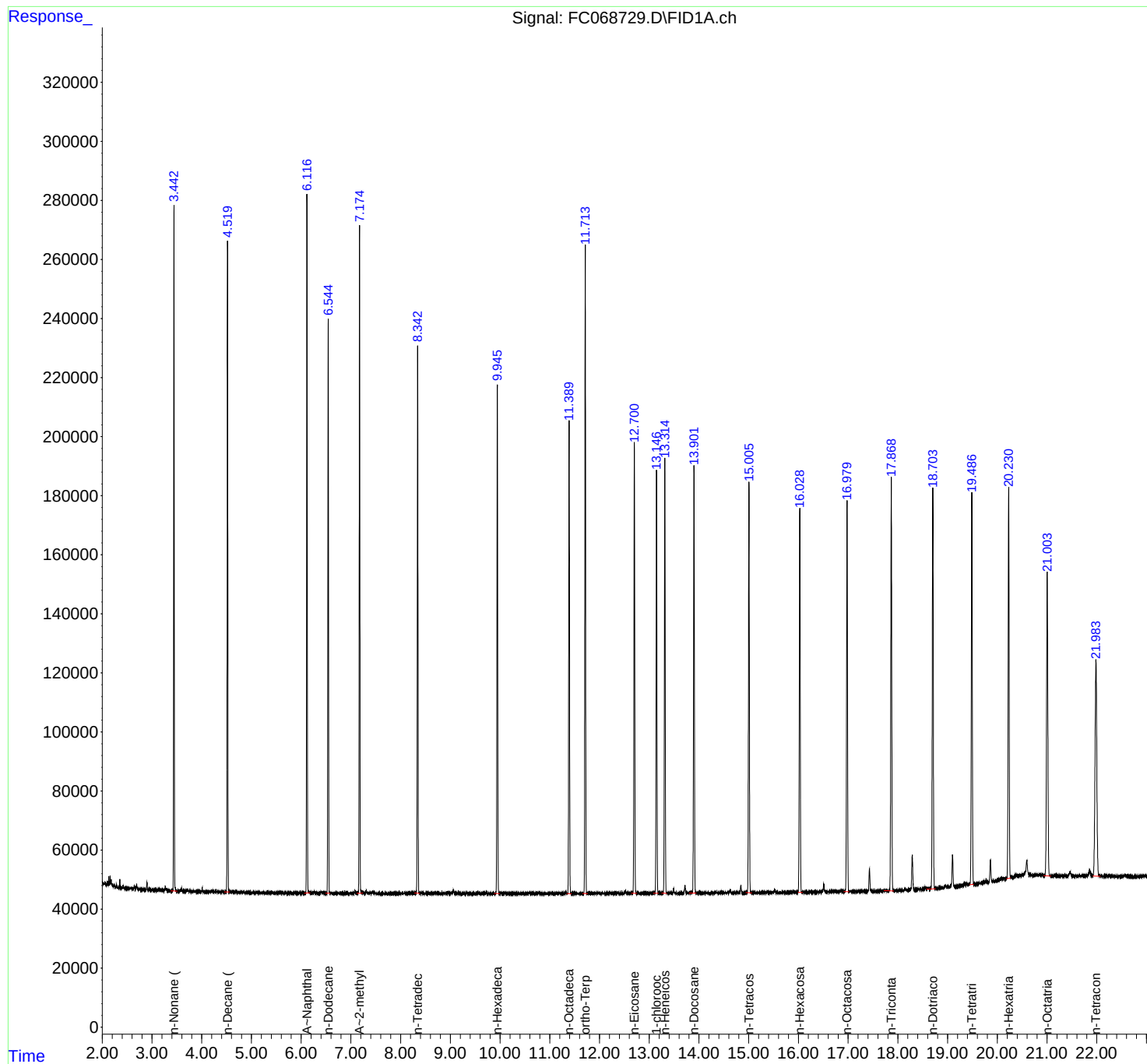
(m)=manual int.

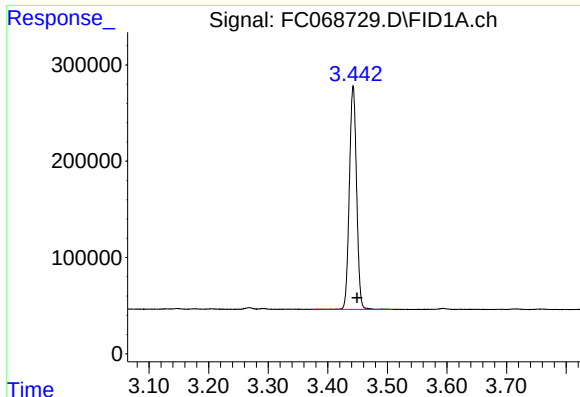
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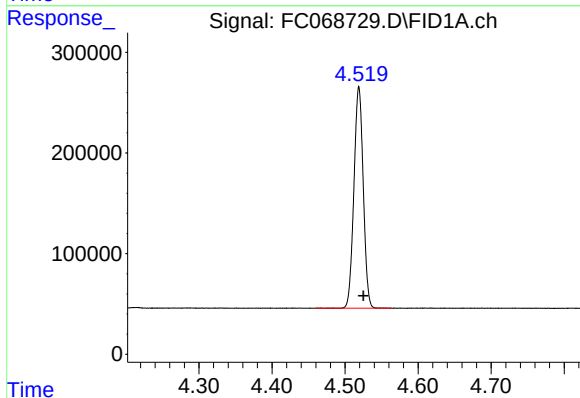




#1 n-Nonane (C9)

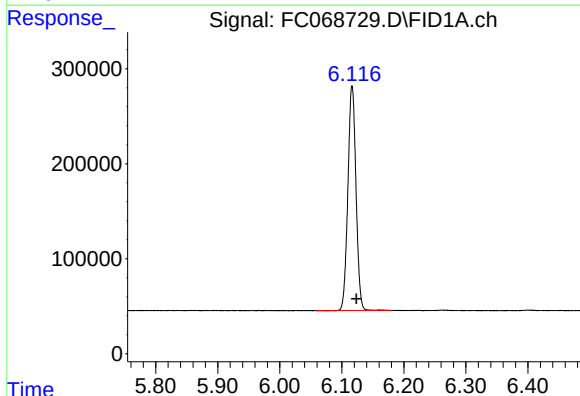
R.T.: 3.443 min
Delta R.T.: -0.006 min
Response: 1947683
Conc: 18.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



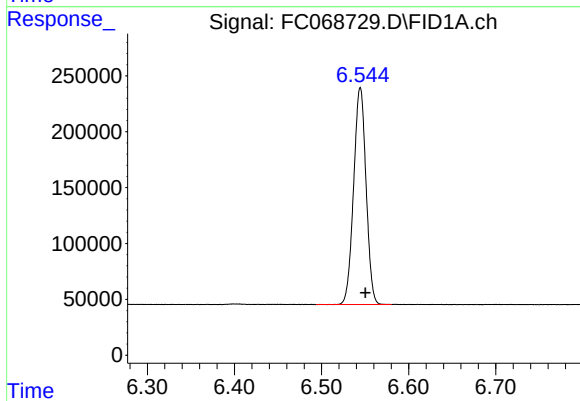
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.006 min
Response: 1951049
Conc: 18.52 ug/ml



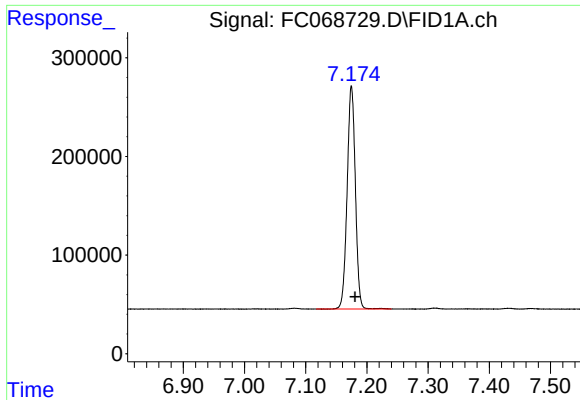
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: -0.007 min
Response: 2150551
Conc: 18.47 ug/ml



#4 n-Dodecane (C12)

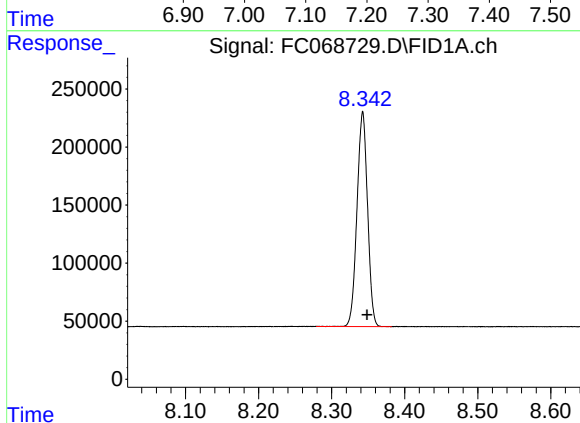
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 1924843
Conc: 18.30 ug/ml



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

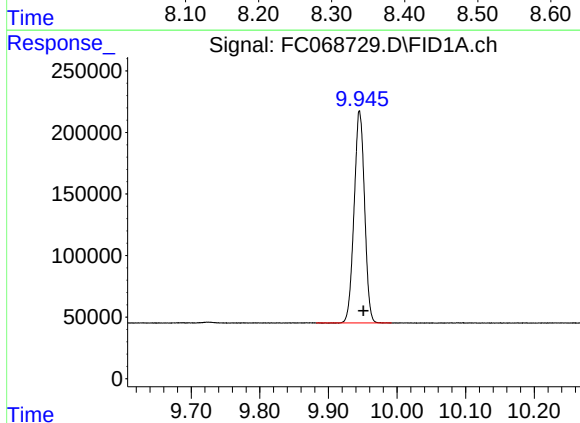
R.T.: 7.175 min
Delta R.T.: -0.006 min
Response: 2113317
Conc: 18.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



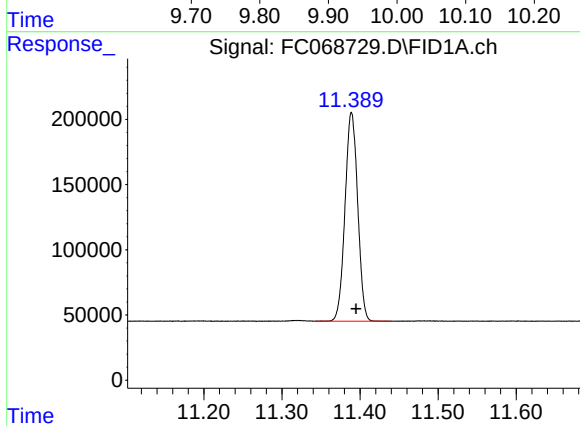
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: -0.006 min
Response: 1856124
Conc: 18.05 ug/ml



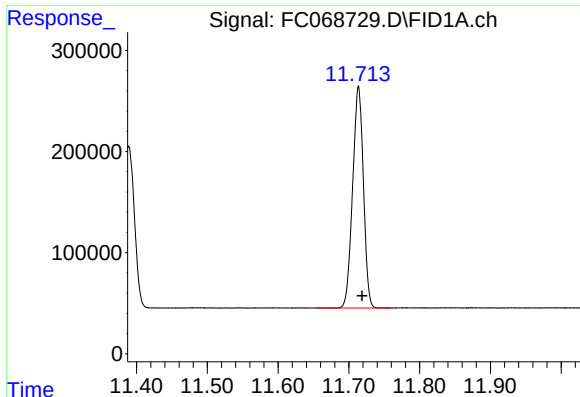
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: -0.005 min
Response: 1827192
Conc: 17.94 ug/ml



#8 n-Octadecane (C18)

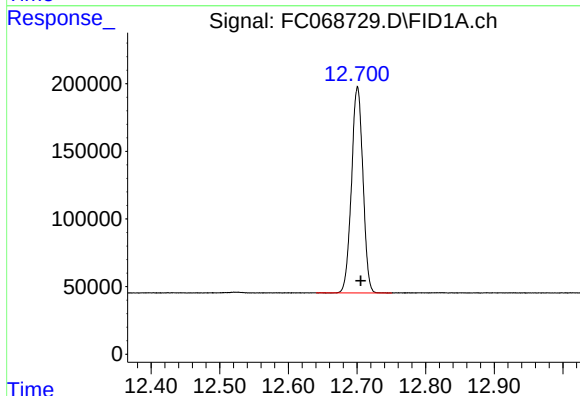
R.T.: 11.389 min
Delta R.T.: -0.006 min
Response: 1806078
Conc: 17.95 ug/ml



#9 ortho-Terphenyl (SURR)

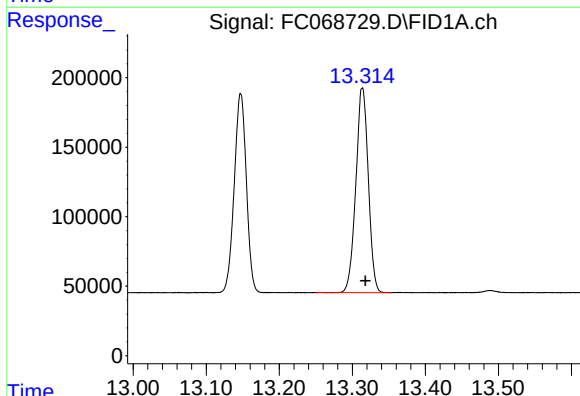
R.T.: 11.714 min
Delta R.T.: -0.005 min
Response: 2318251
Conc: 18.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



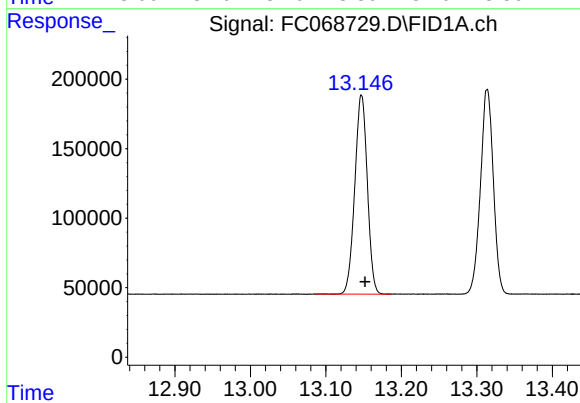
#10 n-Eicosane (C20)

R.T.: 12.701 min
Delta R.T.: -0.005 min
Response: 1763466
Conc: 17.93 ug/ml



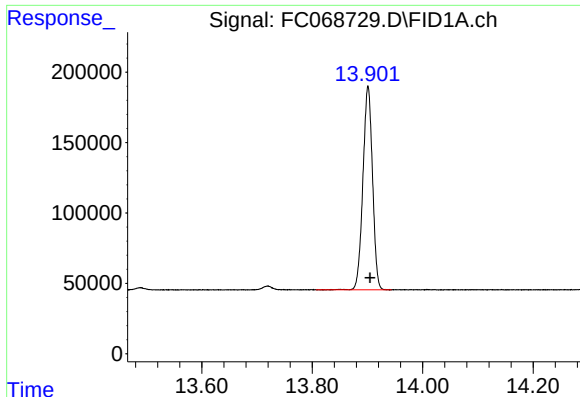
#11 n-Heneicosane (C21)

R.T.: 13.314 min
Delta R.T.: -0.004 min
Response: 1746420
Conc: 17.92 ug/ml



#12 1-chlorooctadecane (SURR)

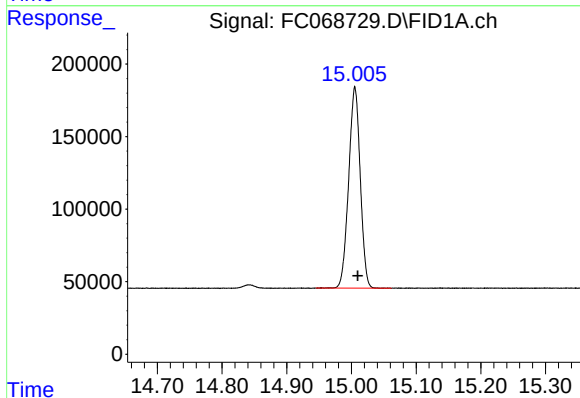
R.T.: 13.147 min
Delta R.T.: -0.005 min
Response: 1652496
Conc: 17.79 ug/ml



#13 n-Docosane (C22)

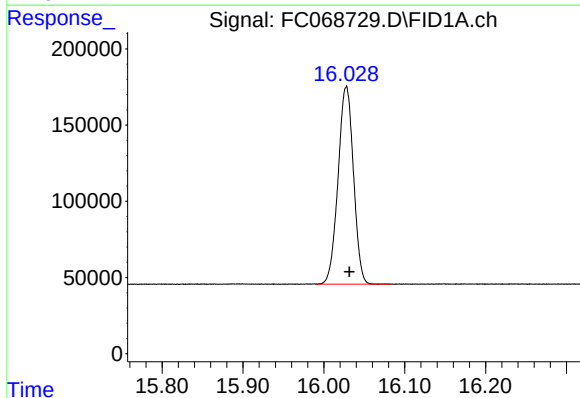
R.T.: 13.901 min
Delta R.T.: -0.004 min
Response: 1739073
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



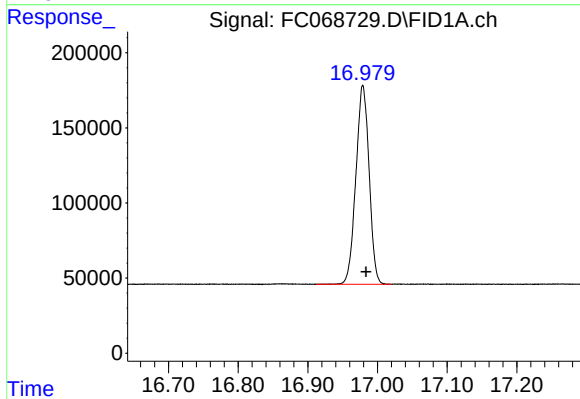
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.005 min
Response: 1726850
Conc: 18.14 ug/ml



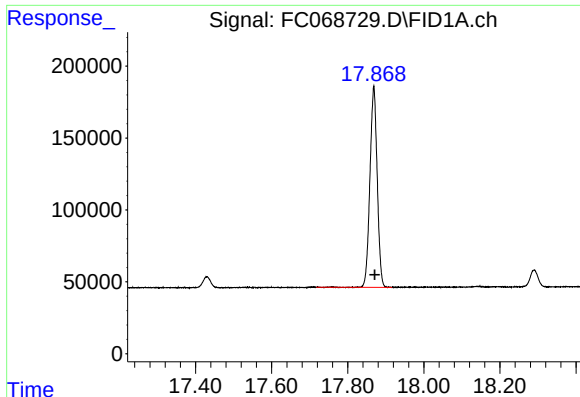
#15 n-Hexacosane (C26)

R.T.: 16.028 min
Delta R.T.: -0.004 min
Response: 1715540
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

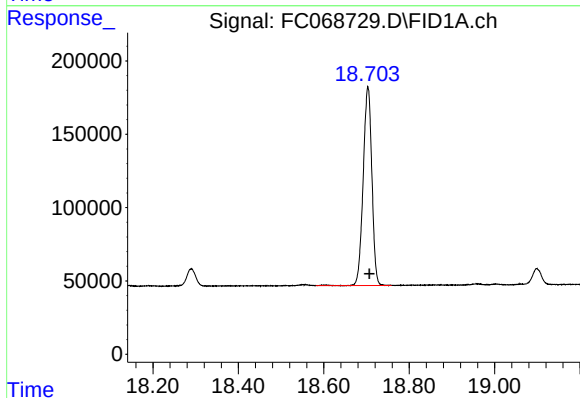
R.T.: 16.979 min
Delta R.T.: -0.004 min
Response: 1746162
Conc: 19.07 ug/ml



#17 n-Tricontane (C30)

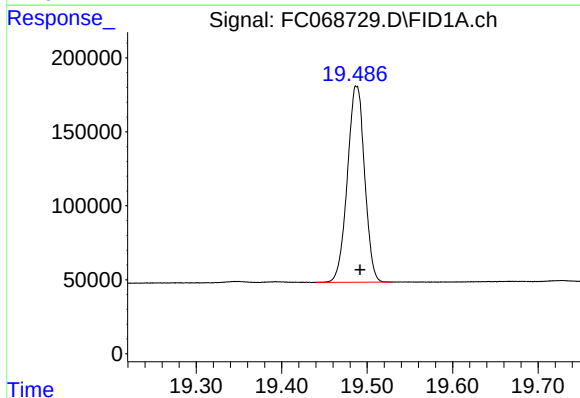
R.T.: 17.868 min
Delta R.T.: -0.003 min
Response: 1847598
Conc: 20.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



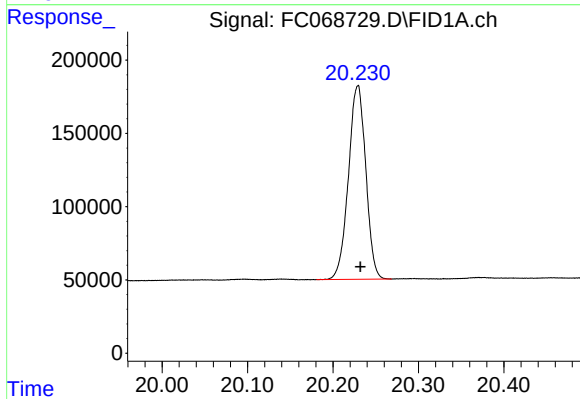
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: -0.003 min
Response: 1911108
Conc: 20.83 ug/ml



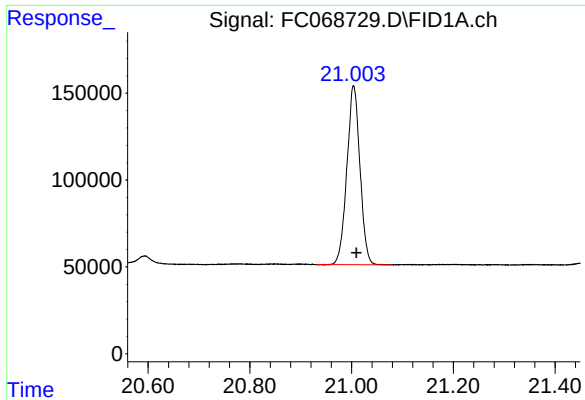
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min
Delta R.T.: -0.004 min
Response: 1856392
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

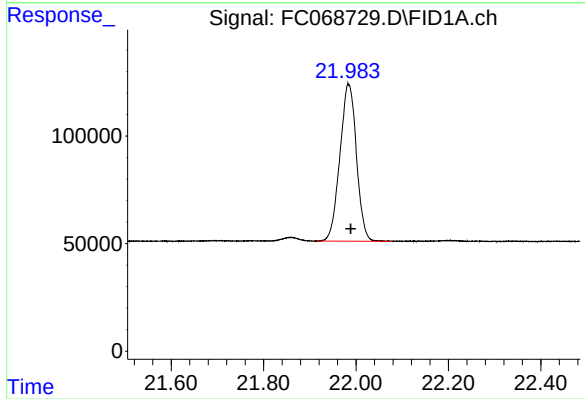
R.T.: 20.229 min
Delta R.T.: -0.003 min
Response: 1867721
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: -0.005 min
Response: 1842122
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: -0.005 min
Response: 1814701
Conc: 20.55 ug/ml