

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041225AL\
 Data File : FC068587.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2025 20:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 11 22:39:19 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)	11.710	2397907	18.831 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
12) S 1-chlorooctadecane (S...	13.144	1723694	18.556 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
Target Compounds			
1) T n-Nonane (C9)	3.445	2035039	19.322 ug/ml
2) T n-Decane (C10)	4.520	2037873	19.342 ug/ml
3) T A~Naphthalene (C11.7)	6.116	2257365	19.383 ug/ml
4) T n-Dodecane (C12)	6.544	2022171	19.229 ug/ml
5) T A~2-methylnaphthalene...	7.174	2221677	19.236 ug/ml
6) T n-Tetradecane (C14)	8.342	1957373	19.040 ug/ml
7) T n-Hexadecane (C16)	9.943	1917691	18.830 ug/ml
8) T n-Octadecane (C18)	11.387	1874981	18.632 ug/ml
10) T n-Eicosane (C20)	12.698	1823052	18.534 ug/ml
11) T n-Heneicosane (C21)	13.310	1802660	18.497 ug/ml
13) T n-Docosane (C22)	13.897	1784074	18.470 ug/ml
14) T n-Tetracosane (C24)	15.001	1762241	18.514 ug/ml
15) T n-Hexacosane (C26)	16.025	1734704	18.572 ug/ml
16) T n-Octacosane (C28)	16.976	1725035	18.841 ug/ml
17) T n-Tricontane (C30)	17.865	1769581	19.249 ug/ml
18) T n-Dotriacontane (C32)	18.701	1794733	19.566 ug/ml
19) T n-Tetratriacontane (C34)	19.486	1757286	19.670 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1771363	19.774 ug/ml
21) T n-Octatriacontane (C38)	21.005	1745245	19.740 ug/ml
22) T n-Tetracontane (C40)	21.982	1741781	19.724 ug/ml

(f)=RT Delta > 1/2 Window

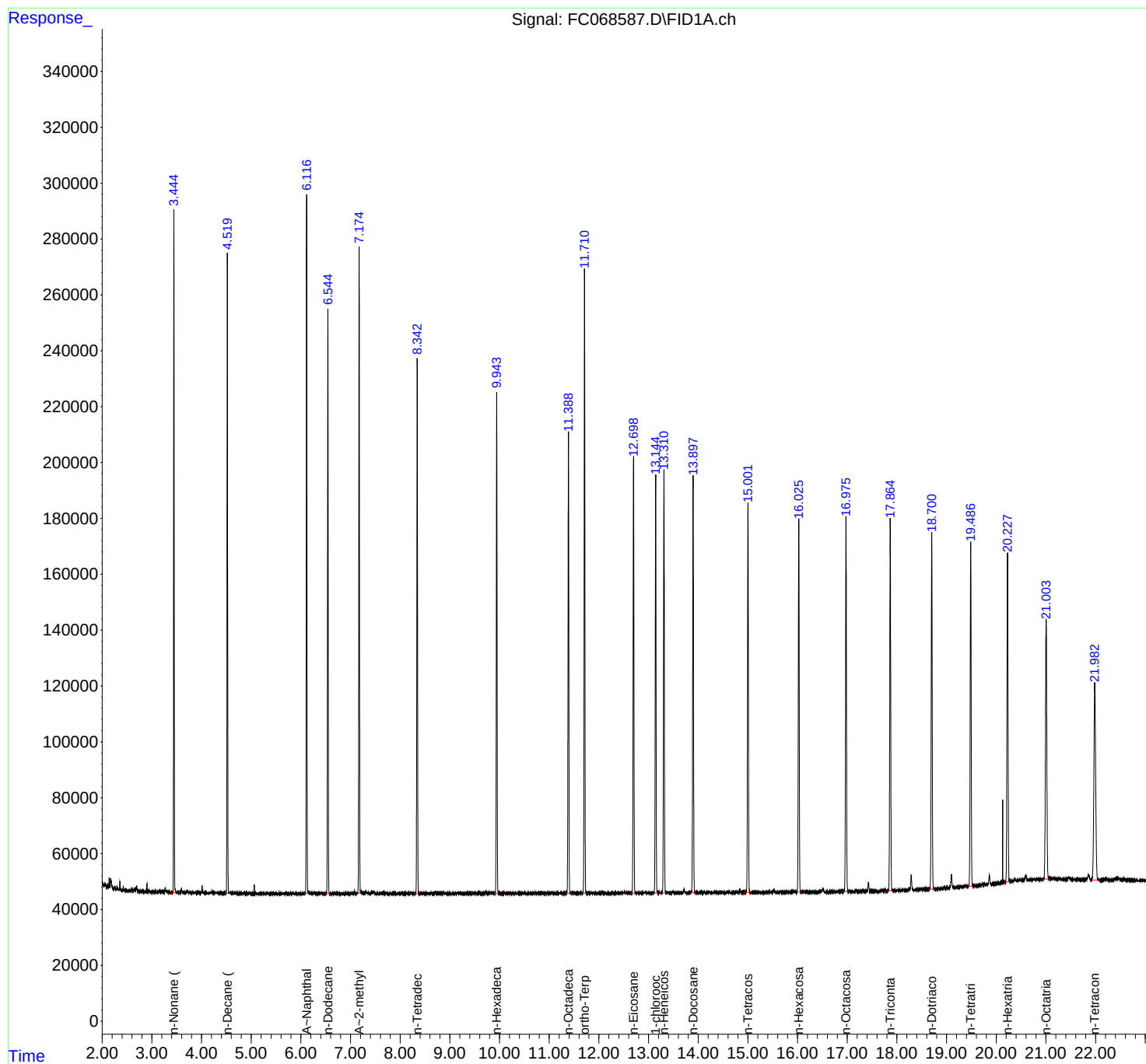
(m)=manual int.

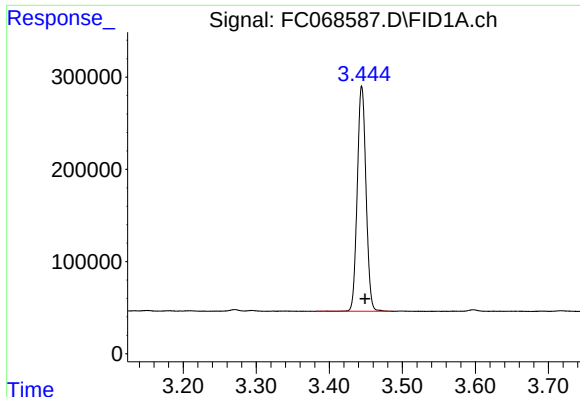
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041225AL\
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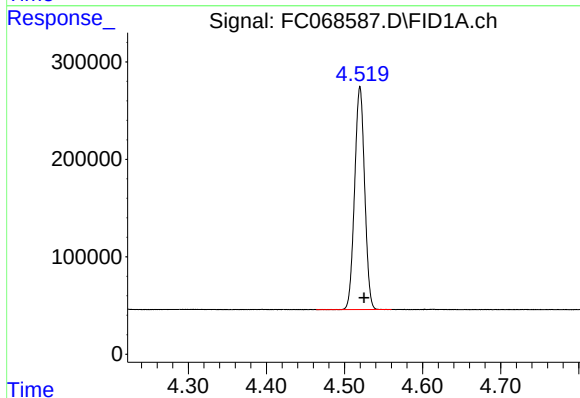




#1 n-Nonane (C9)

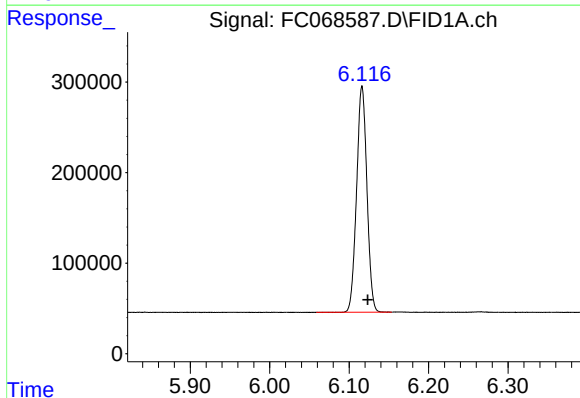
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2035039
Conc: 19.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



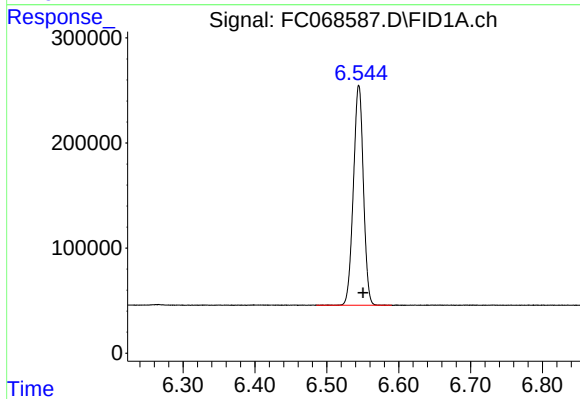
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 2037873
Conc: 19.34 ug/ml



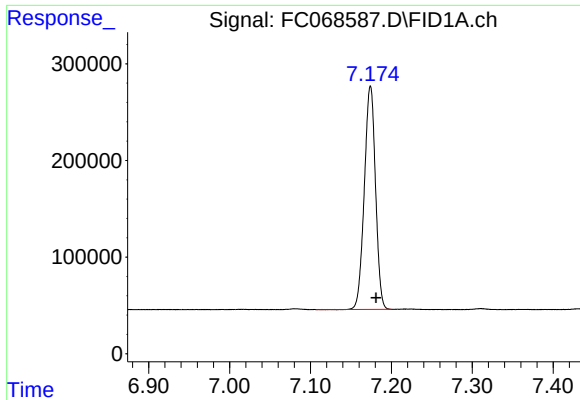
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: -0.007 min
Response: 2257365
Conc: 19.38 ug/ml



#4 n-Dodecane (C12)

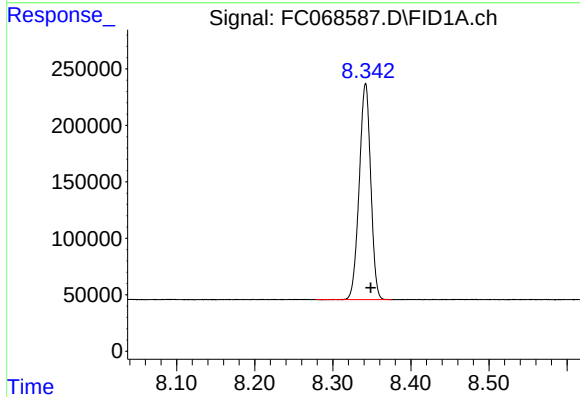
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 2022171
Conc: 19.23 ug/ml



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

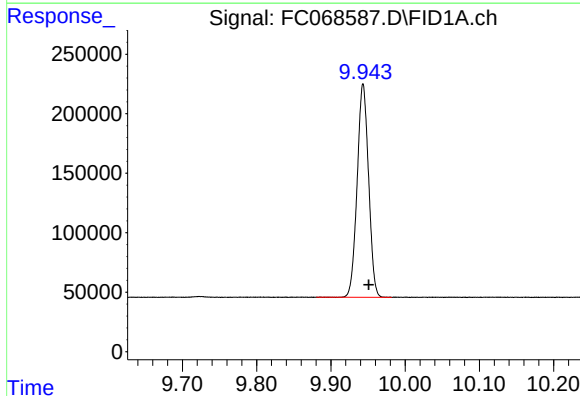
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 2221677
Conc: 19.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



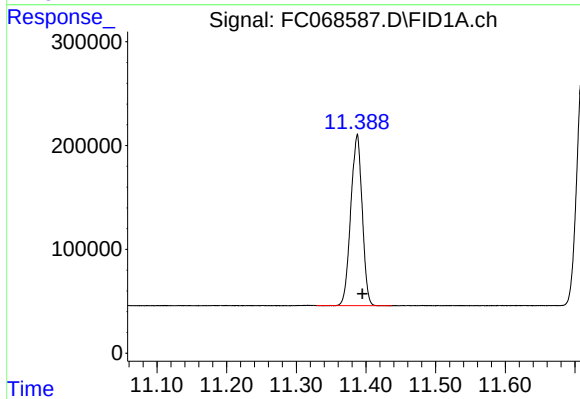
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: -0.007 min
Response: 1957373
Conc: 19.04 ug/ml



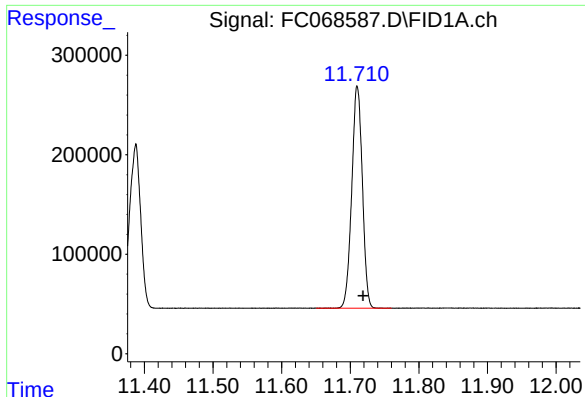
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: -0.008 min
Response: 1917691
Conc: 18.83 ug/ml



#8 n-Octadecane (C18)

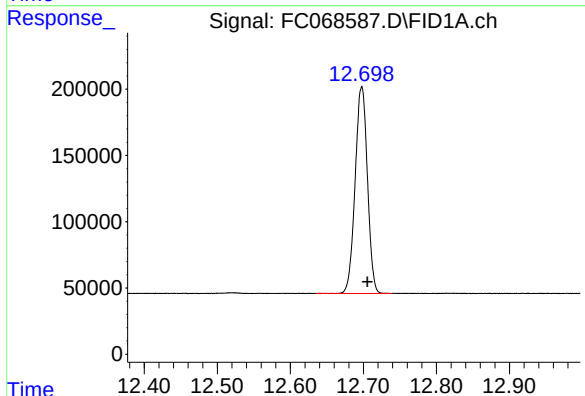
R.T.: 11.387 min
Delta R.T.: -0.008 min
Response: 1874981
Conc: 18.63 ug/ml



#9 ortho-Terphenyl (SURR)

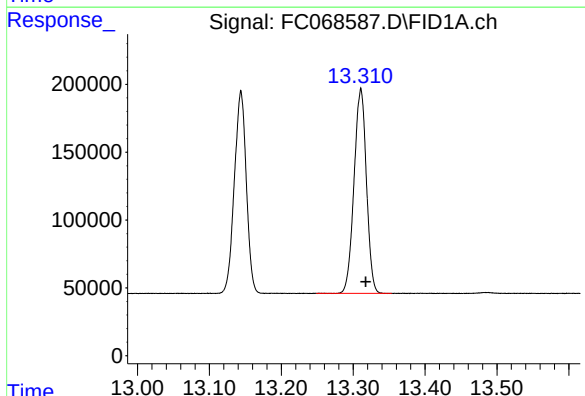
R.T.: 11.710 min
Delta R.T.: -0.008 min
Response: 2397907
Conc: 18.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



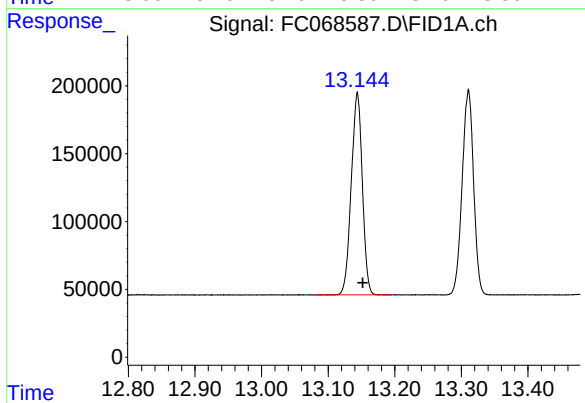
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: -0.008 min
Response: 1823052
Conc: 18.53 ug/ml



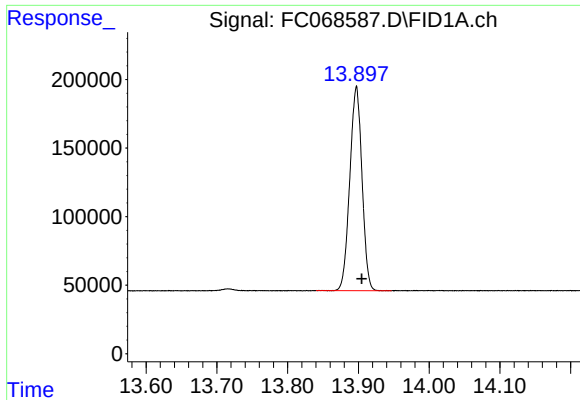
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: -0.007 min
Response: 1802660
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

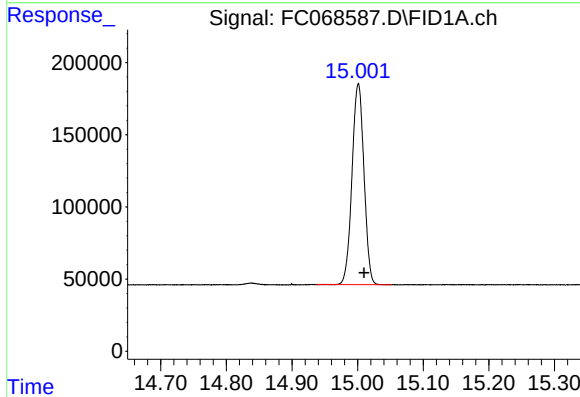
R.T.: 13.144 min
Delta R.T.: -0.008 min
Response: 1723694
Conc: 18.56 ug/ml



#13 n-Docosane (C22)

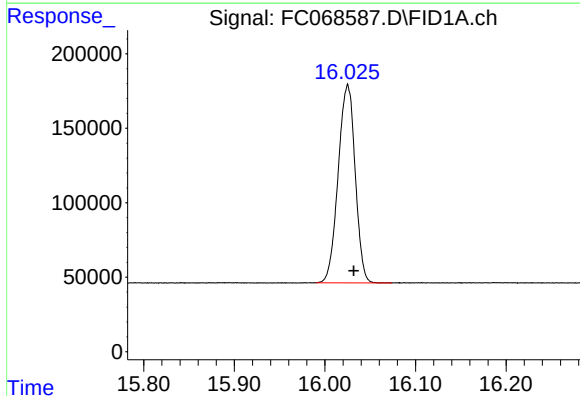
R.T.: 13.897 min
Delta R.T.: -0.008 min
Response: 1784074
Conc: 18.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



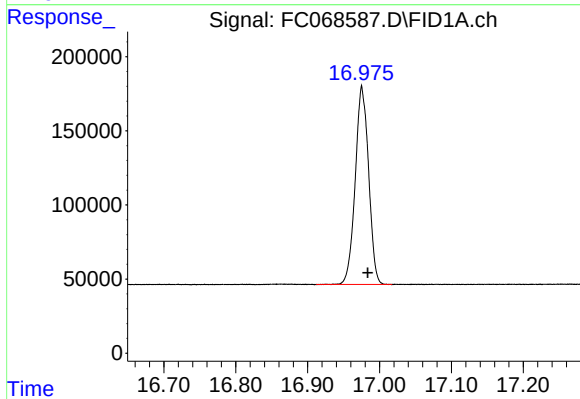
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: -0.009 min
Response: 1762241
Conc: 18.51 ug/ml



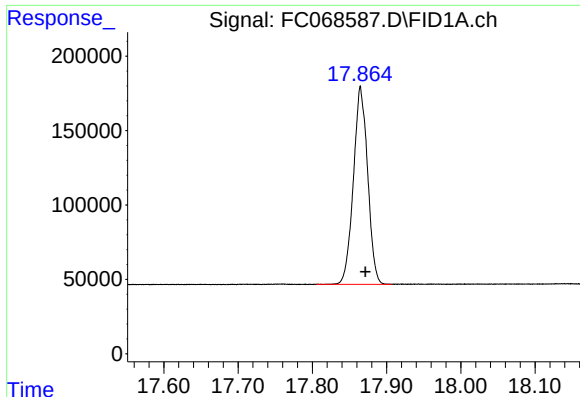
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: -0.007 min
Response: 1734704
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

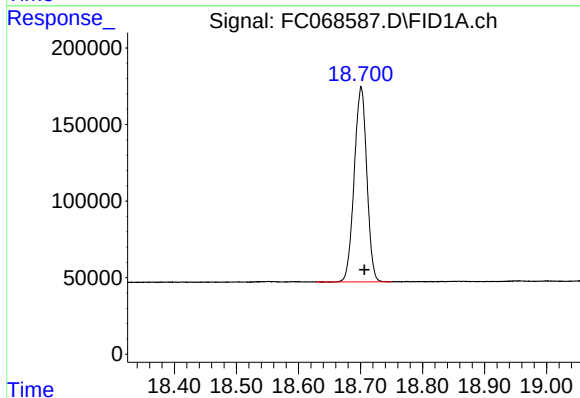
R.T.: 16.976 min
Delta R.T.: -0.008 min
Response: 1725035
Conc: 18.84 ug/ml



#17 n-Tricontane (C30)

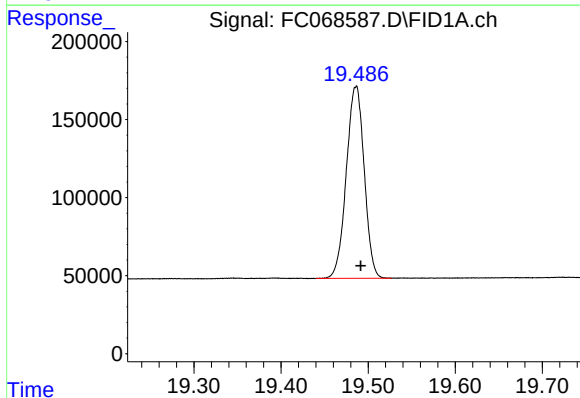
R.T.: 17.865 min
Delta R.T.: -0.006 min
Response: 1769581
Conc: 19.25 ug/ml

Instrument :
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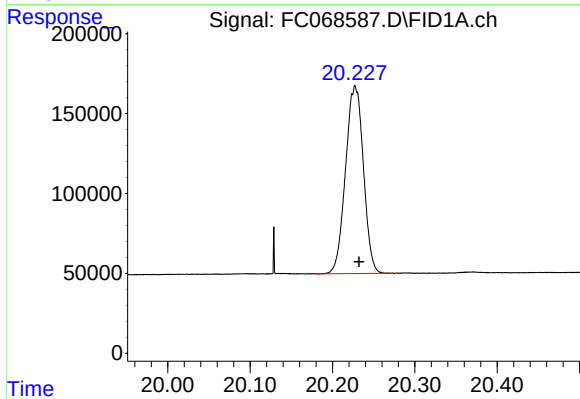
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: -0.006 min
Response: 1794733
Conc: 19.57 ug/ml



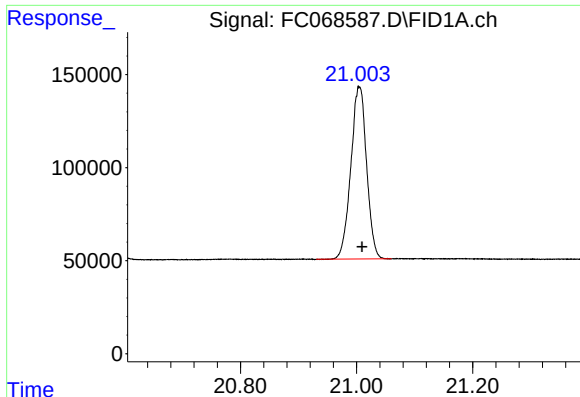
#19 n-Tetratriacontane (C34)

R.T.: 19.486 min
Delta R.T.: -0.006 min
Response: 1757286
Conc: 19.67 ug/ml



#20 n-Hexatriacontane (C36)

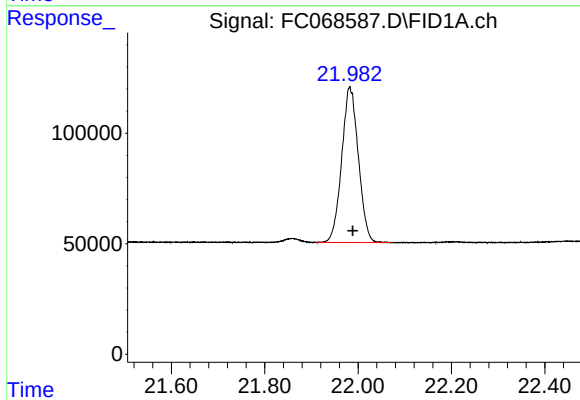
R.T.: 20.227 min
Delta R.T.: -0.005 min
Response: 1771363
Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: -0.005 min
Response: 1745245
Conc: 19.74 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: -0.006 min
Response: 1741781
Conc: 19.72 ug/ml