

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011723AL\
 Data File : FC062682.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jan 2023 07:49
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jan 17 11:02:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 2023
 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)	11.552	2702696	19.129 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
12) S 1-chlorooctadecane (S...	12.992	1986124	18.855 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.309	2640080	19.743 ug/ml
2) T n-Decane (C10)	4.377	2564393	19.773 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2853548	19.419 ug/ml
4) T n-Dodecane (C12)	6.399	2549184	19.835 ug/ml
5) T A~2-methylnaphthalene...	7.021	2633562	19.263 ug/ml
6) T n-Tetradecane (C14)	8.194	2504220	19.454 ug/ml
7) T n-Hexadecane (C16)	9.797	2502309	19.376 ug/ml
8) T n-Octadecane (C18)	11.238	2502714	19.326 ug/ml
10) T n-Eicosane (C20)	12.548	2377057	19.261 ug/ml
11) T n-Heneicosane (C21)	13.159	2363465	19.283 ug/ml
13) T n-Docosane (C22)	13.745	2306352	19.292 ug/ml
14) T n-Tetracosane (C24)	14.846	2254897	19.362 ug/ml
15) T n-Hexacosane (C26)	15.866	2183700	19.438 ug/ml
16) T n-Octacosane (C28)	16.814	2146584	19.550 ug/ml
17) T n-Tricontane (C30)	17.701	2136466	19.728 ug/ml
18) T n-Dotriacontane (C32)	18.531	2150365	19.697 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2093031	19.252 ug/ml
20) T n-Hexatriacontane (C36)	20.051	1935247	17.398 ug/ml
21) T n-Octatriacontane (C38)	20.782	1850512	17.474 ug/ml
22) T n-Tetracontane (C40)	21.690	1764827	16.572 ug/ml

(f)=RT Delta > 1/2 Window

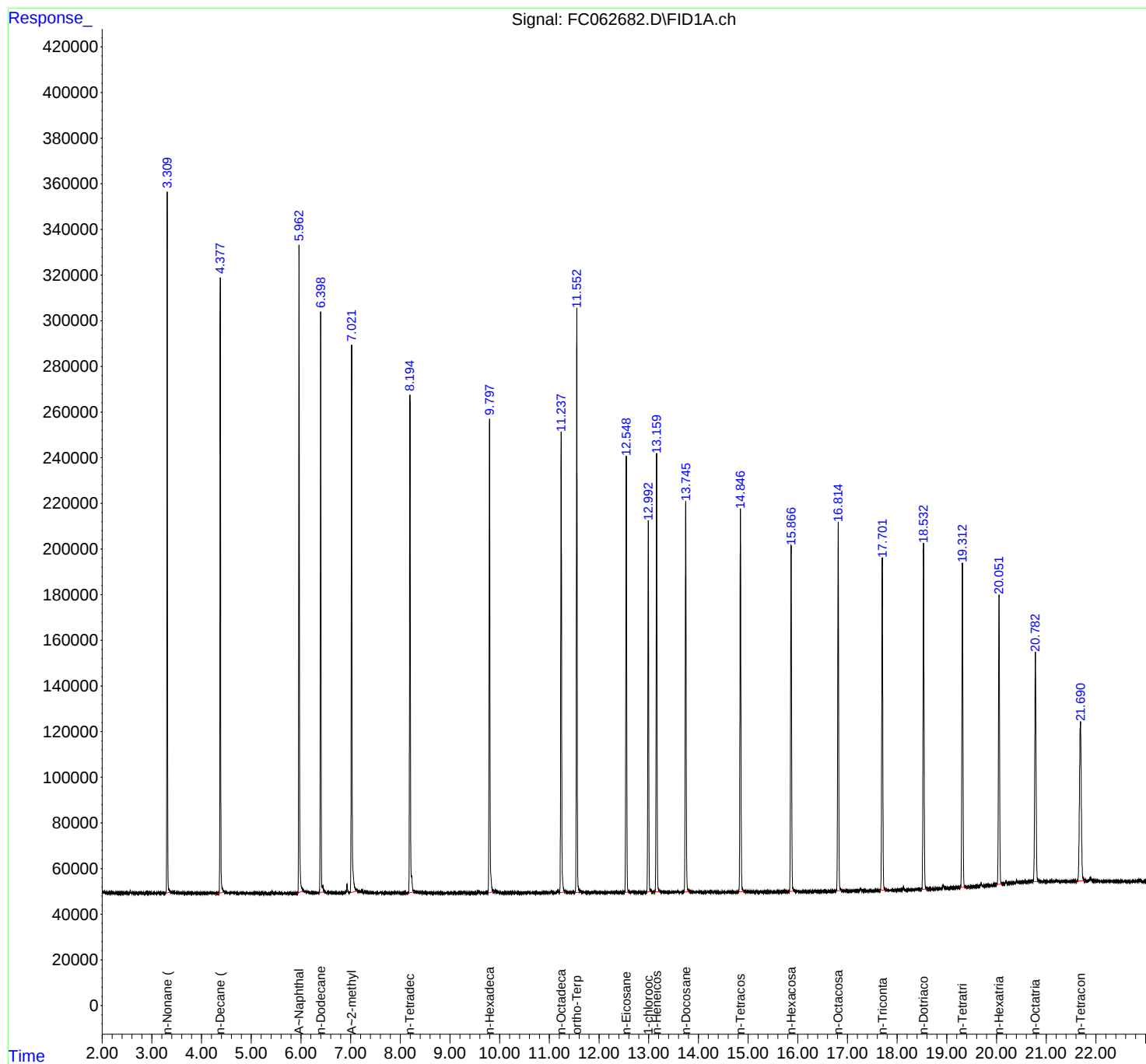
(m)=manual int.

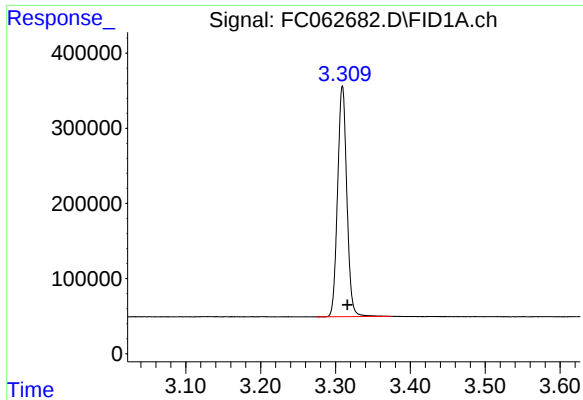
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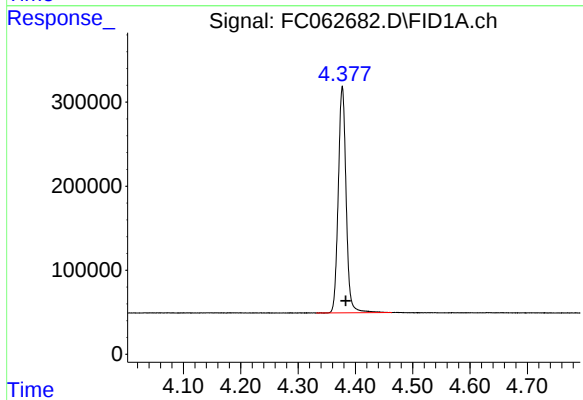




#1 n-Nonane (C9)

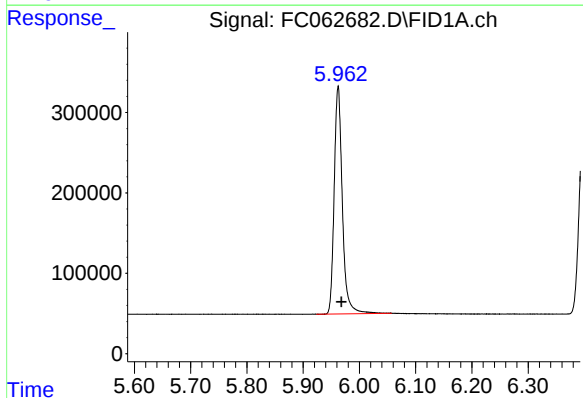
R.T.: 3.309 min
Delta R.T.: -0.007 min
Response: 2640080
Conc: 19.74 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



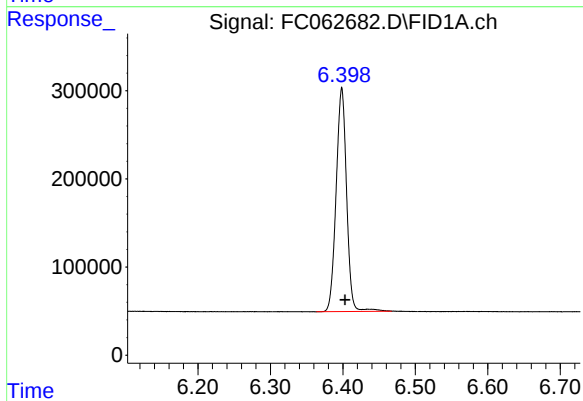
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.006 min
Response: 2564393
Conc: 19.77 ug/ml



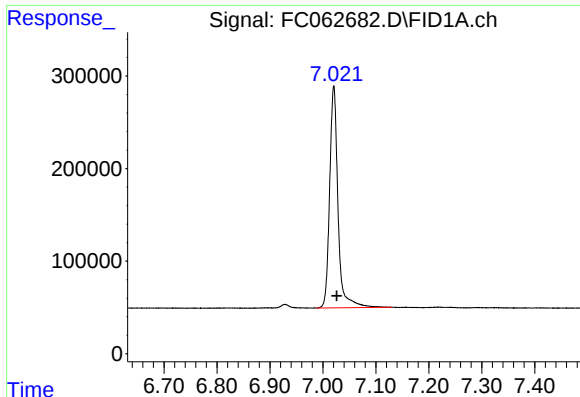
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 2853548
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

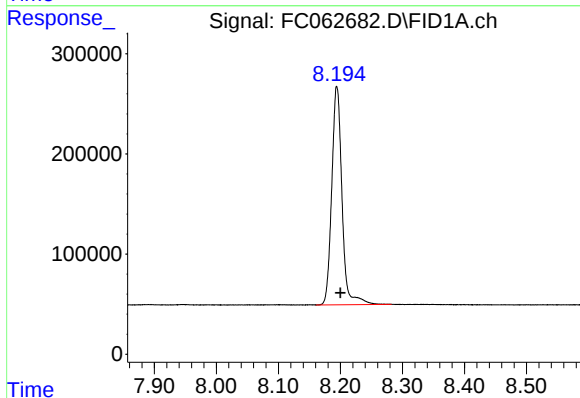
R.T.: 6.399 min
Delta R.T.: -0.005 min
Response: 2549184
Conc: 19.83 ug/ml



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

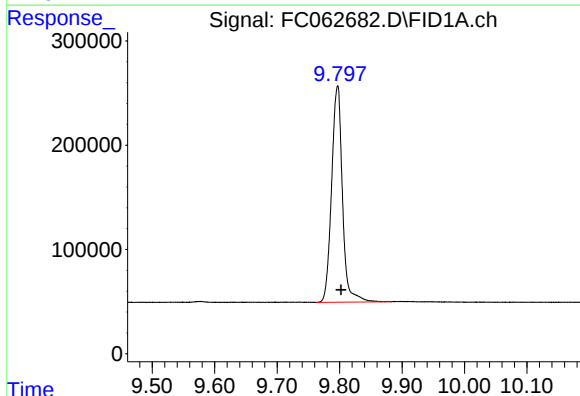
R.T.: 7.021 min
Delta R.T.: -0.005 min
Response: 2633562
Conc: 19.26 ug/ml

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20 PPM ALIPHATIC HC STD



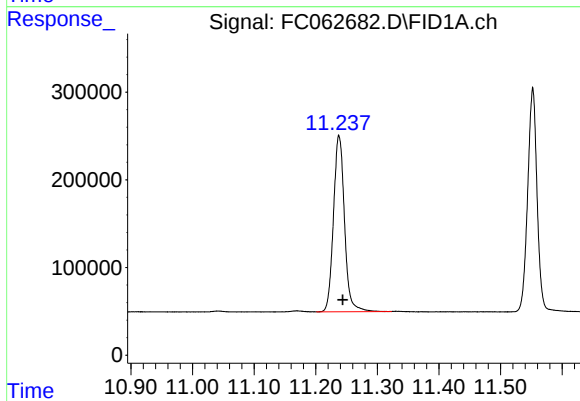
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: -0.006 min
Response: 2504220
Conc: 19.45 ug/ml



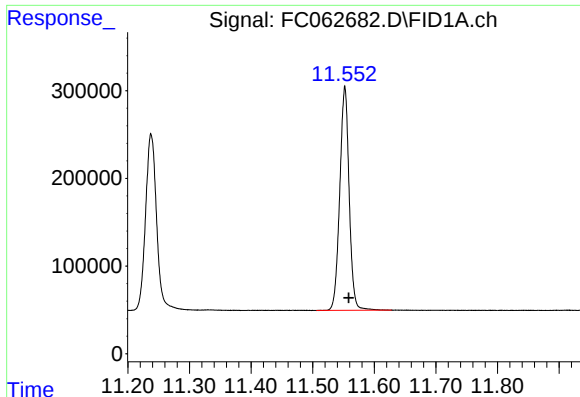
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.005 min
Response: 2502309
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

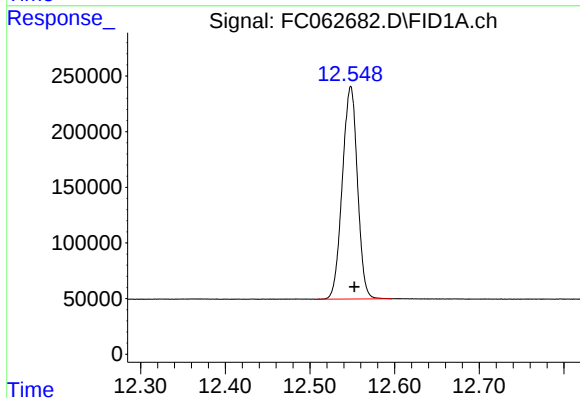
R.T.: 11.238 min
Delta R.T.: -0.006 min
Response: 2502714
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

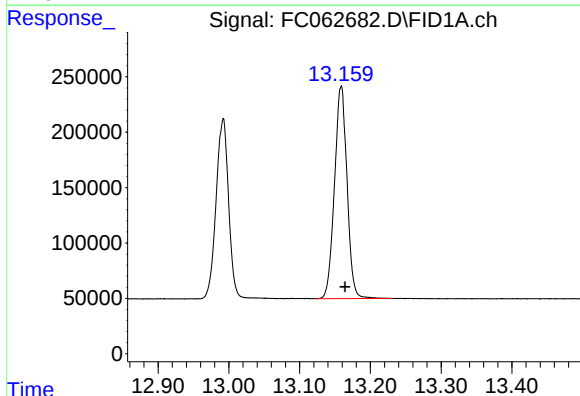
R.T.: 11.552 min
Delta R.T.: -0.006 min
Response: 2702696
Conc: 19.13 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



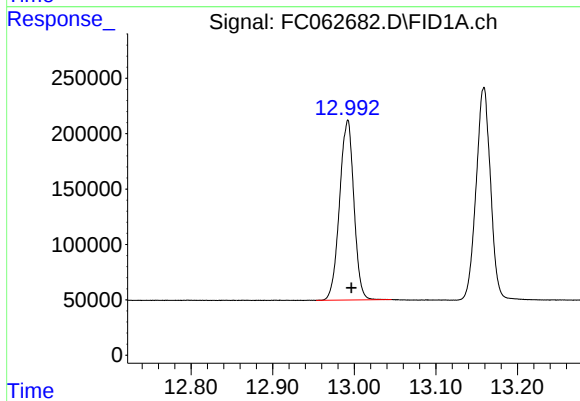
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.004 min
Response: 2377057
Conc: 19.26 ug/ml



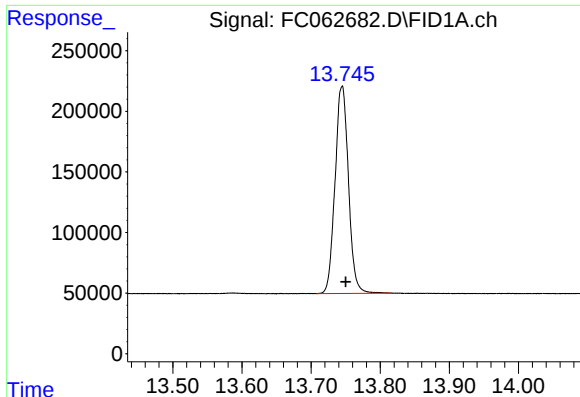
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: -0.005 min
Response: 2363465
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

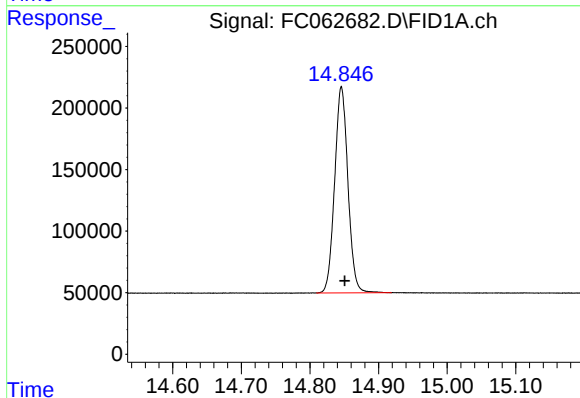
R.T.: 12.992 min
Delta R.T.: -0.004 min
Response: 1986124
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

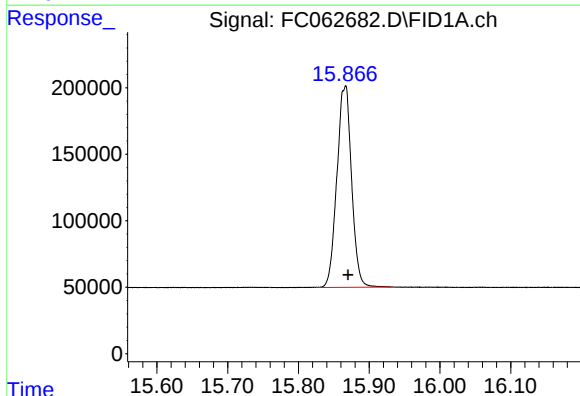
R.T.: 13.745 min
Delta R.T.: -0.006 min
Response: 2306352
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



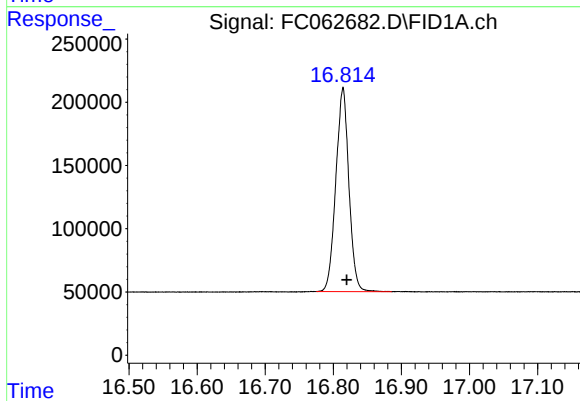
#14 n-Tetracosane (C24)

R.T.: 14.846 min
Delta R.T.: -0.005 min
Response: 2254897
Conc: 19.36 ug/ml



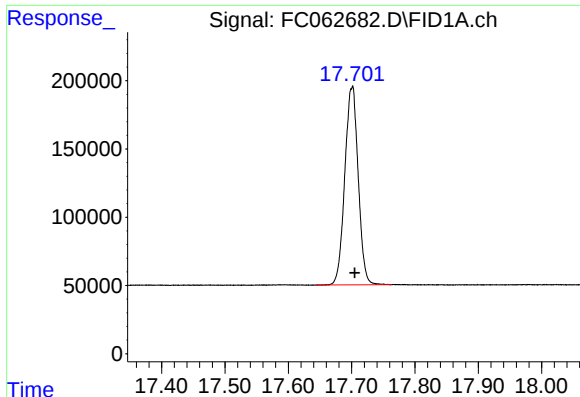
#15 n-Hexacosane (C26)

R.T.: 15.866 min
Delta R.T.: -0.004 min
Response: 2183700
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

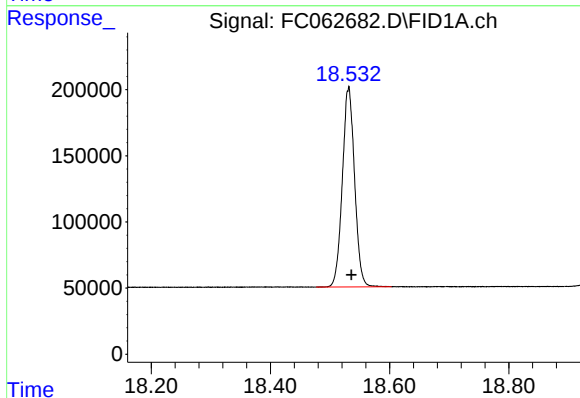
R.T.: 16.814 min
Delta R.T.: -0.006 min
Response: 2146584
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

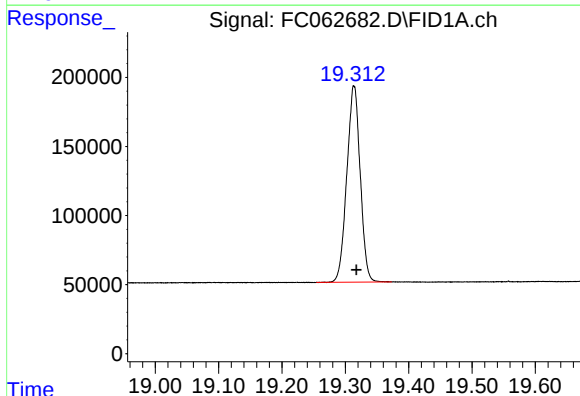
R.T.: 17.701 min
Delta R.T.: -0.004 min
Response: 2136466
Conc: 19.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



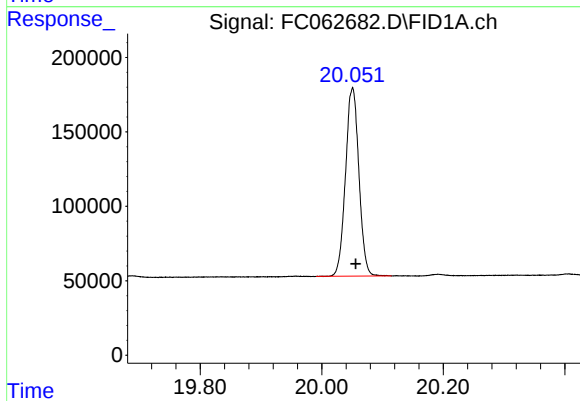
#18 n-Dotriacontane (C32)

R.T.: 18.531 min
Delta R.T.: -0.005 min
Response: 2150365
Conc: 19.70 ug/ml



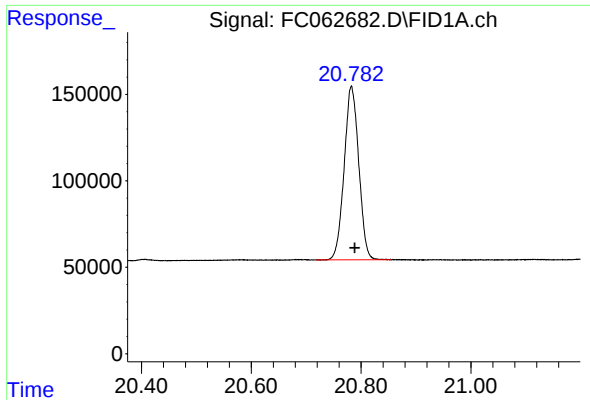
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.004 min
Response: 2093031
Conc: 19.25 ug/ml



#20 n-Hexatriacontane (C36)

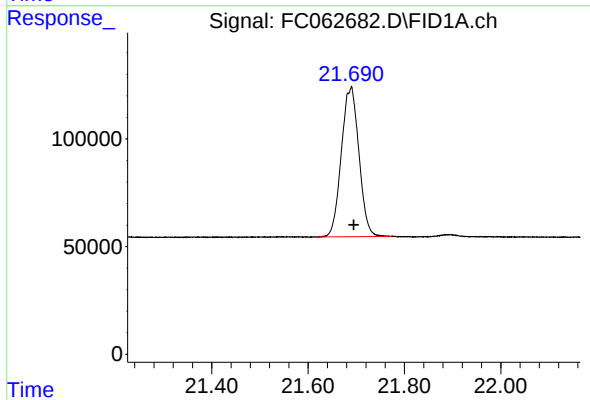
R.T.: 20.051 min
Delta R.T.: -0.005 min
Response: 1935247
Conc: 17.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.006 min
Response: 1850512
Conc: 17.47 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.690 min
Delta R.T.: -0.005 min
Response: 1764827
Conc: 16.57 ug/ml