

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020723AL\
 Data File : FC062893.D
 Signal(s) : FID1A.ch
 Acq On : 08 Feb 2023 01:49
 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: Feb 08 02:26:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.544	2332305	18.756 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
12) S 1-chlorooctadecane (S...	12.983	1777240	18.843 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
Target Compounds			
1) T n-Nonane (C9)	3.301	2091602	19.354 ug/ml
2) T n-Decane (C10)	4.369	2068663	19.911 ug/ml
3) T A~Naphthalene (C11.7)	5.954	2305271	19.492 ug/ml
4) T n-Dodecane (C12)	6.390	2080738	20.128 ug/ml
5) T A~2-methylnaphthalene...	7.013	2152085	19.669 ug/ml
6) T n-Tetradecane (C14)	8.187	2072245	20.199 ug/ml
7) T n-Hexadecane (C16)	9.788	2110640	19.508 ug/ml
8) T n-Octadecane (C18)	11.230	2124336	19.162 ug/ml
10) T n-Eicosane (C20)	12.539	2070418	18.989 ug/ml
11) T n-Heneicosane (C21)	13.151	2068442	19.004 ug/ml
13) T n-Docosane (C22)	13.737	2041742	18.952 ug/ml
14) T n-Tetracosane (C24)	14.838	2093699	19.550 ug/ml
15) T n-Hexacosane (C26)	15.859	2121835	20.135 ug/ml
16) T n-Octacosane (C28)	16.808	2180258	20.866 ug/ml
17) T n-Tricontane (C30)	17.693	2283727	21.871 ug/ml
18) T n-Dotriacontane (C32)	18.525	2338157	21.647 ug/ml
19) T n-Tetratriacontane (C34)	19.307	2225672	21.175 ug/ml
20) T n-Hexatriacontane (C36)	20.047	2080128	20.655 ug/ml
21) T n-Octatriacontane (C38)	20.777	2052425	20.442 ug/ml
22) T n-Tetracontane (C40)	21.681	2079705	21.577 ug/ml

(f)=RT Delta > 1/2 Window

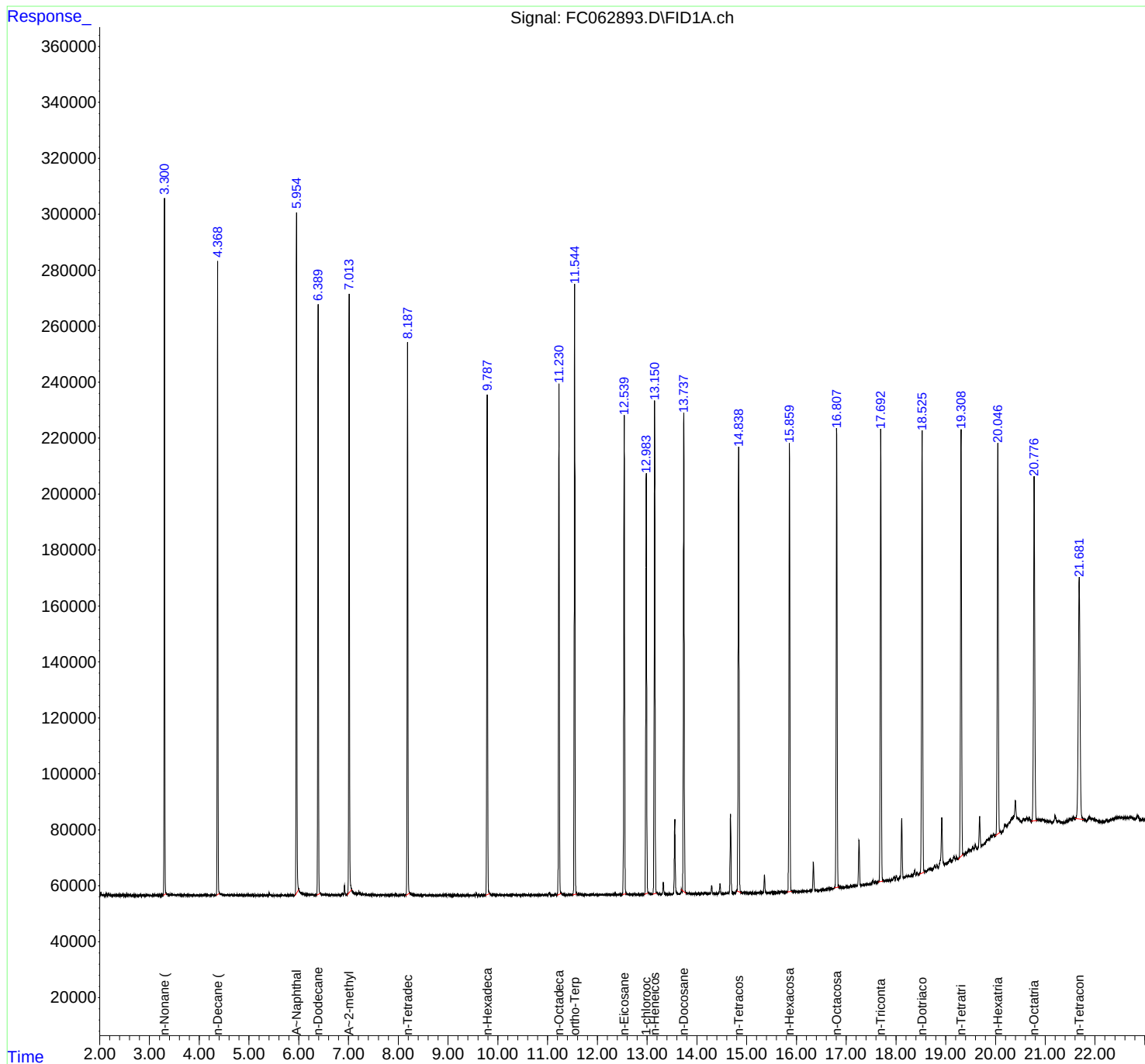
(m)=manual int.

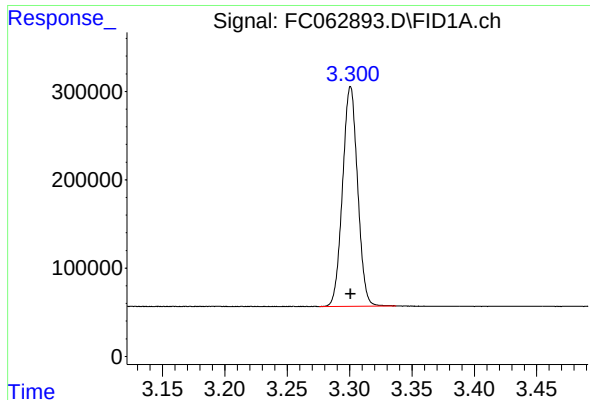
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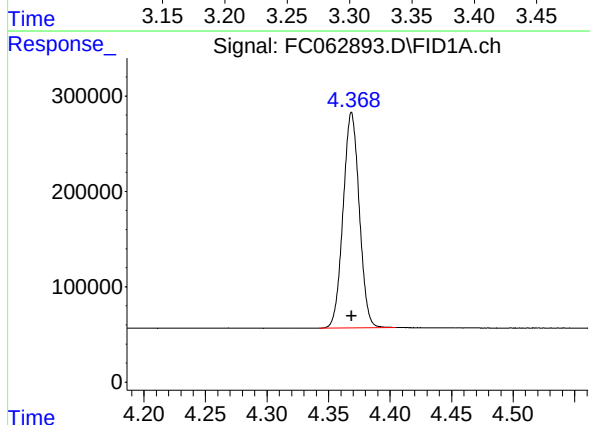




#1 n-Nonane (C9)

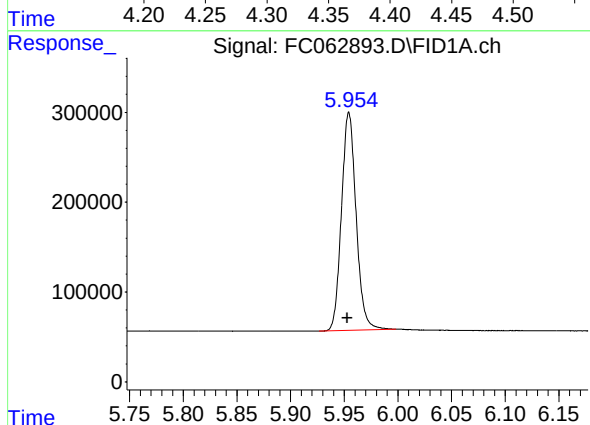
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 2091602
Conc: 19.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



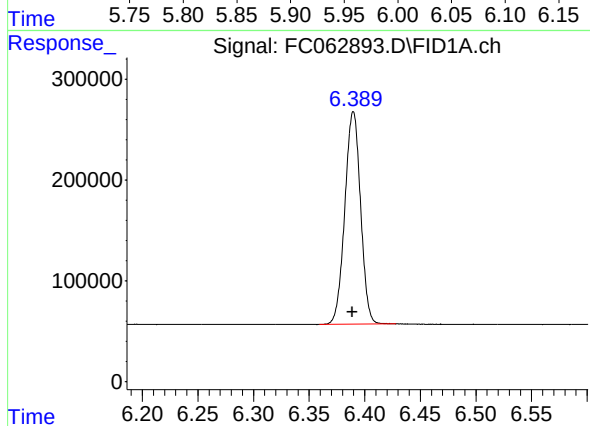
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 2068663
Conc: 19.91 ug/ml



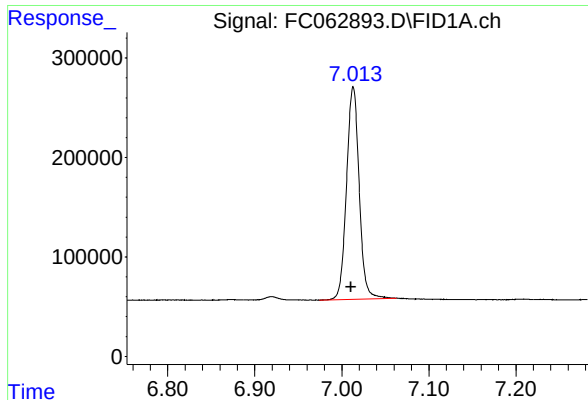
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.002 min
Response: 2305271
Conc: 19.49 ug/ml



#4 n-Dodecane (C12)

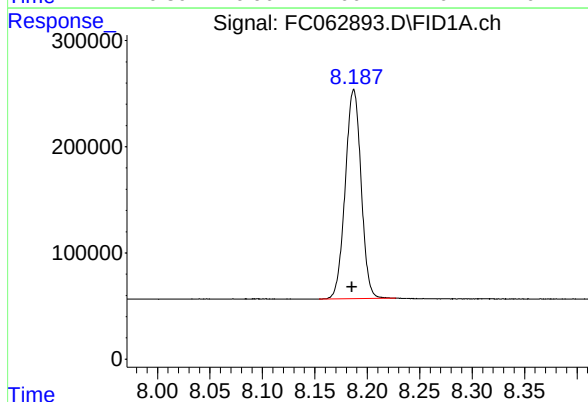
R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 2080738
Conc: 20.13 ug/ml



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

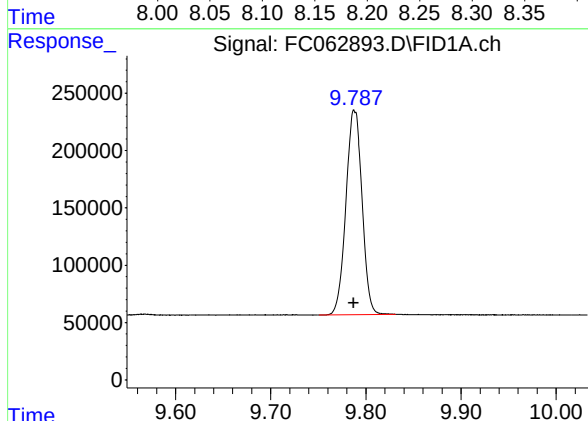
R.T.: 7.013 min
Delta R.T.: 0.002 min
Response: 2152085
Conc: 19.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



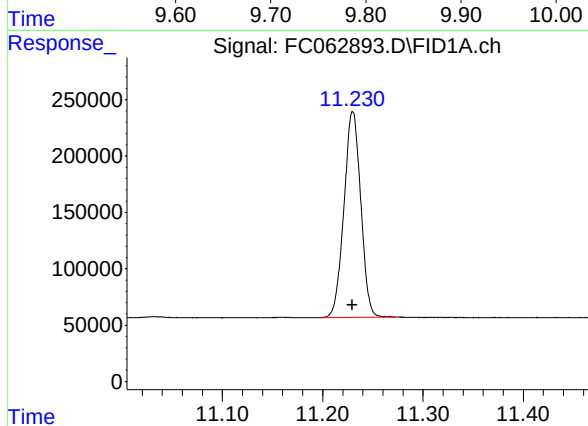
#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: 0.002 min
Response: 2072245
Conc: 20.20 ug/ml



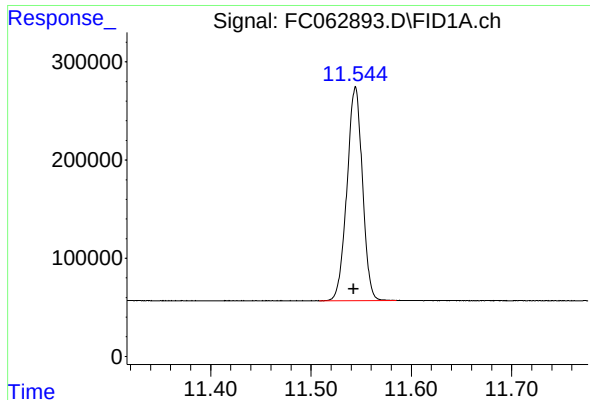
#7 n-Hexadecane (C16)

R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 2110640
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

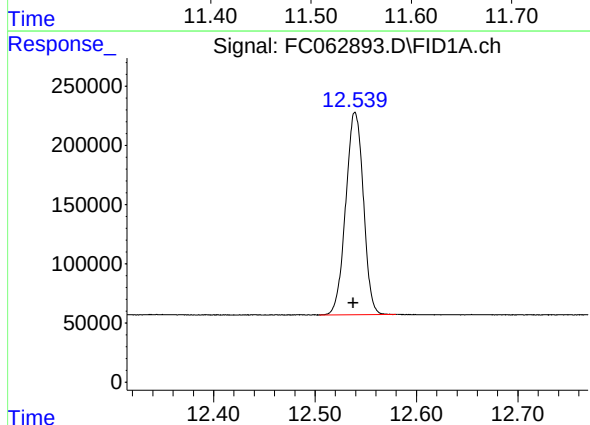
R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 2124336
Conc: 19.16 ug/ml



#9 ortho-Terphenyl (SURR)

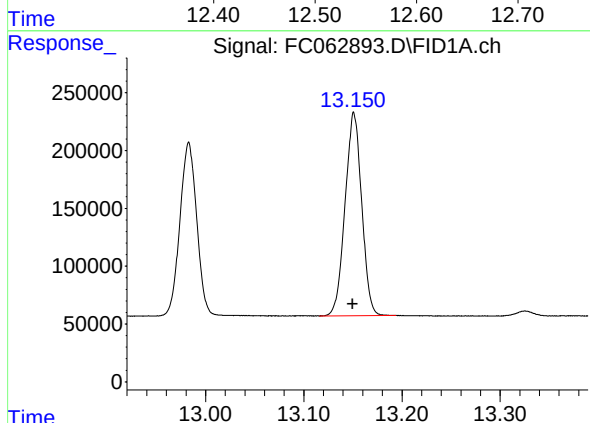
R.T.: 11.544 min
Delta R.T.: 0.002 min
Response: 2332305
Conc: 18.76 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



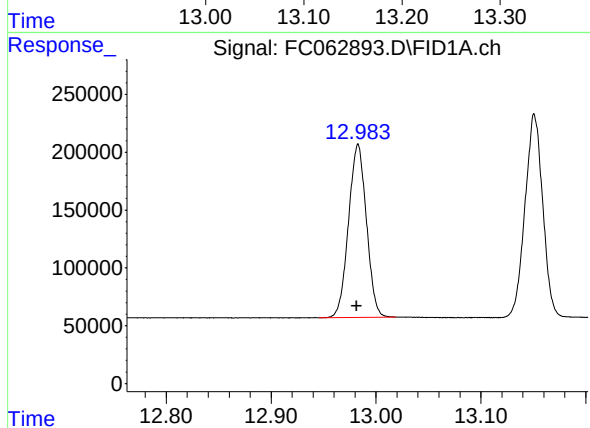
#10 n-Eicosane (C20)

R.T.: 12.539 min
Delta R.T.: 0.002 min
Response: 2070418
Conc: 18.99 ug/ml



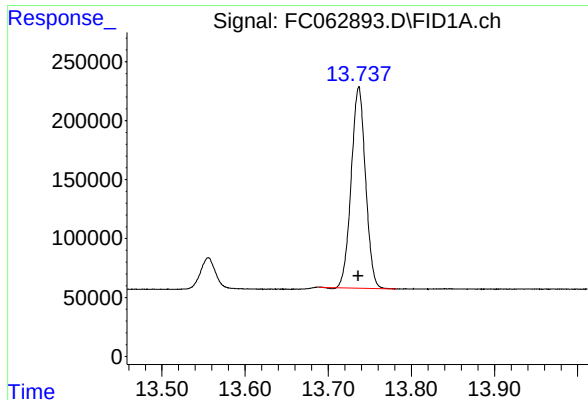
#11 n-Heneicosane (C21)

R.T.: 13.151 min
Delta R.T.: 0.001 min
Response: 2068442
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

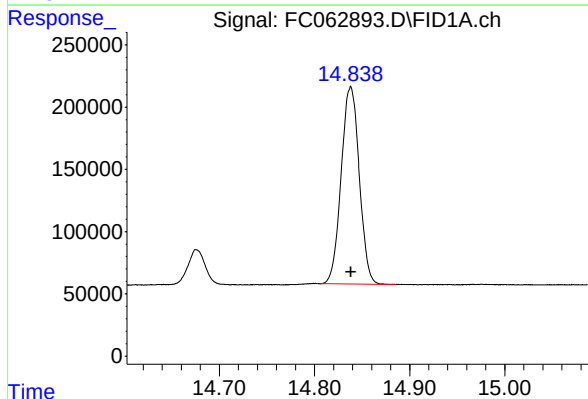
R.T.: 12.983 min
Delta R.T.: 0.001 min
Response: 1777240
Conc: 18.84 ug/ml



#13 n-Docosane (C22)

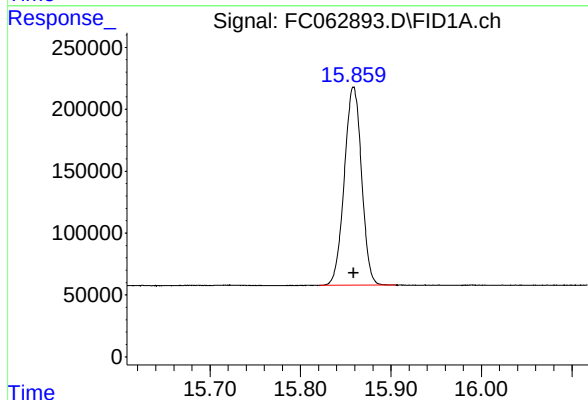
R.T.: 13.737 min
Delta R.T.: 0.000 min
Response: 2041742
Conc: 18.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



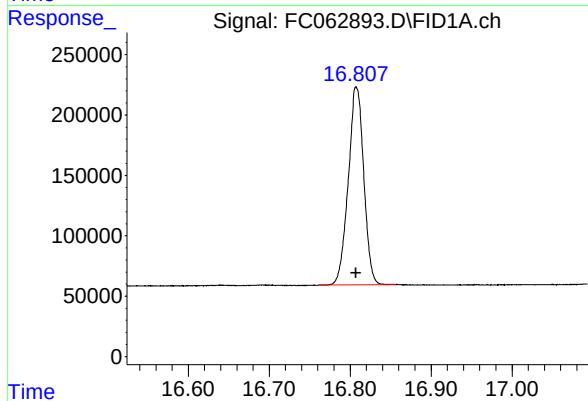
#14 n-Tetracosane (C24)

R.T.: 14.838 min
Delta R.T.: 0.000 min
Response: 2093699
Conc: 19.55 ug/ml



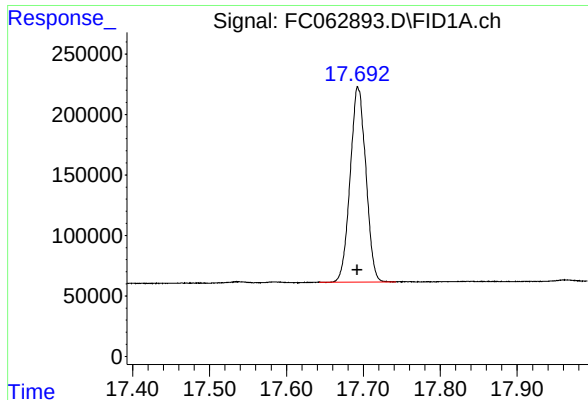
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: 0.000 min
Response: 2121835
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

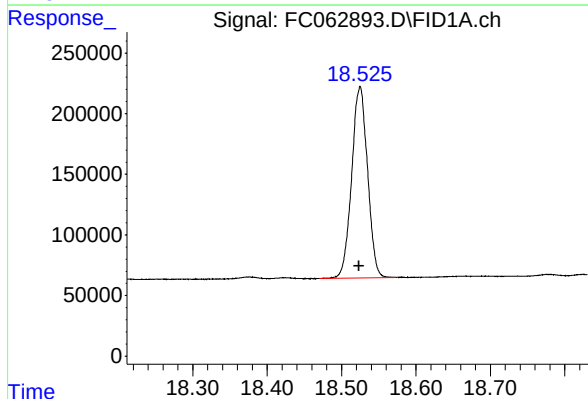
R.T.: 16.808 min
Delta R.T.: 0.000 min
Response: 2180258
Conc: 20.87 ug/ml



#17 n-Tricontane (C30)

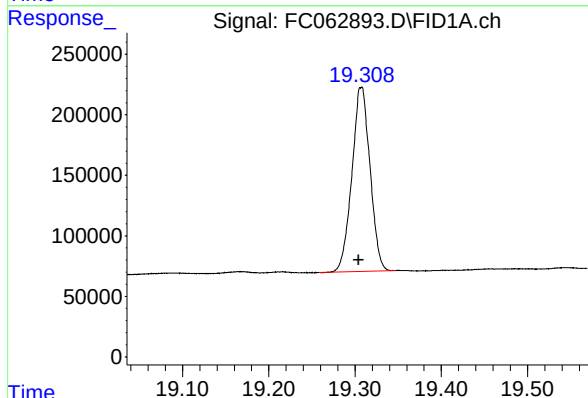
R.T.: 17.693 min
Delta R.T.: 0.001 min
Response: 2283727
Conc: 21.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



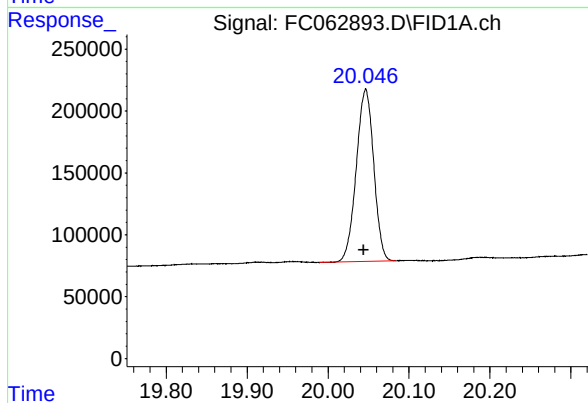
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: 0.002 min
Response: 2338157
Conc: 21.65 ug/ml



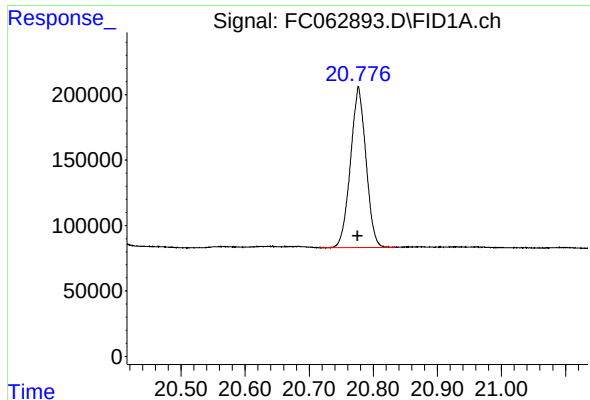
#19 n-Tetatriacontane (C34)

R.T.: 19.307 min
Delta R.T.: 0.003 min
Response: 2225672
Conc: 21.17 ug/ml



#20 n-Hexatriacontane (C36)

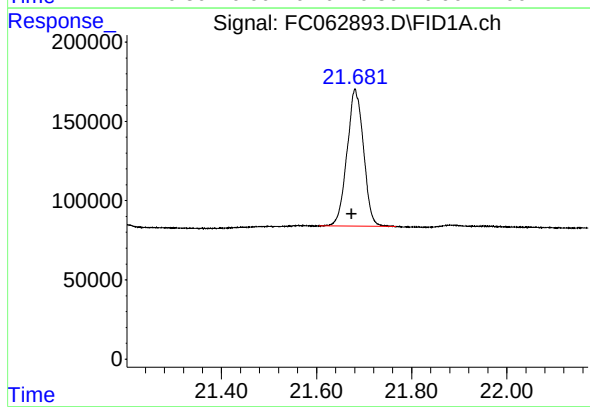
R.T.: 20.047 min
Delta R.T.: 0.003 min
Response: 2080128
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: 0.001 min
Response: 2052425
Conc: 20.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.681 min
Delta R.T.: 0.007 min
Response: 2079705
Conc: 21.58 ug/ml