

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012723AL\
 Data File : FC062798.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jan 2023 22:07
 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: Jan 28 00:09:51 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)	11.541	2477386	19.923 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	12.977	1875325	19.883 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.300	2176324	20.138 ug/ml
2) T n-Decane (C10)	4.368	2099877	20.211 ug/ml
3) T A~Naphthalene (C11.7)	5.952	2412701	20.400 ug/ml
4) T n-Dodecane (C12)	6.388	2077970	20.102 ug/ml
5) T A~2-methylnaphthalene...	7.009	2271130	20.757 ug/ml
6) T n-Tetradecane (C14)	8.184	2132157	20.783 ug/ml
7) T n-Hexadecane (C16)	9.786	2175997	20.112 ug/ml
8) T n-Octadecane (C18)	11.227	2219650	20.022 ug/ml
10) T n-Eicosane (C20)	12.535	2170174	19.904 ug/ml
11) T n-Heneicosane (C21)	13.146	2172527	19.960 ug/ml
13) T n-Docosane (C22)	13.731	2144446	19.905 ug/ml
14) T n-Tetracosane (C24)	14.833	2152243	20.096 ug/ml
15) T n-Hexacosane (C26)	15.852	2127184	20.185 ug/ml
16) T n-Octacosane (C28)	16.800	2107746	20.172 ug/ml
17) T n-Tricontane (C30)	17.686	2105323	20.162 ug/ml
18) T n-Dotriacontane (C32)	18.518	2125103	19.674 ug/ml
19) T n-Tetratriacontane (C34)	19.298	2099945	19.978 ug/ml
20) T n-Hexatriacontane (C36)	20.037	2007192	19.931 ug/ml
21) T n-Octatriacontane (C38)	20.766	2008439	20.004 ug/ml
22) T n-Tetracontane (C40)	21.667	1983989	20.584 ug/ml

(f)=RT Delta > 1/2 Window

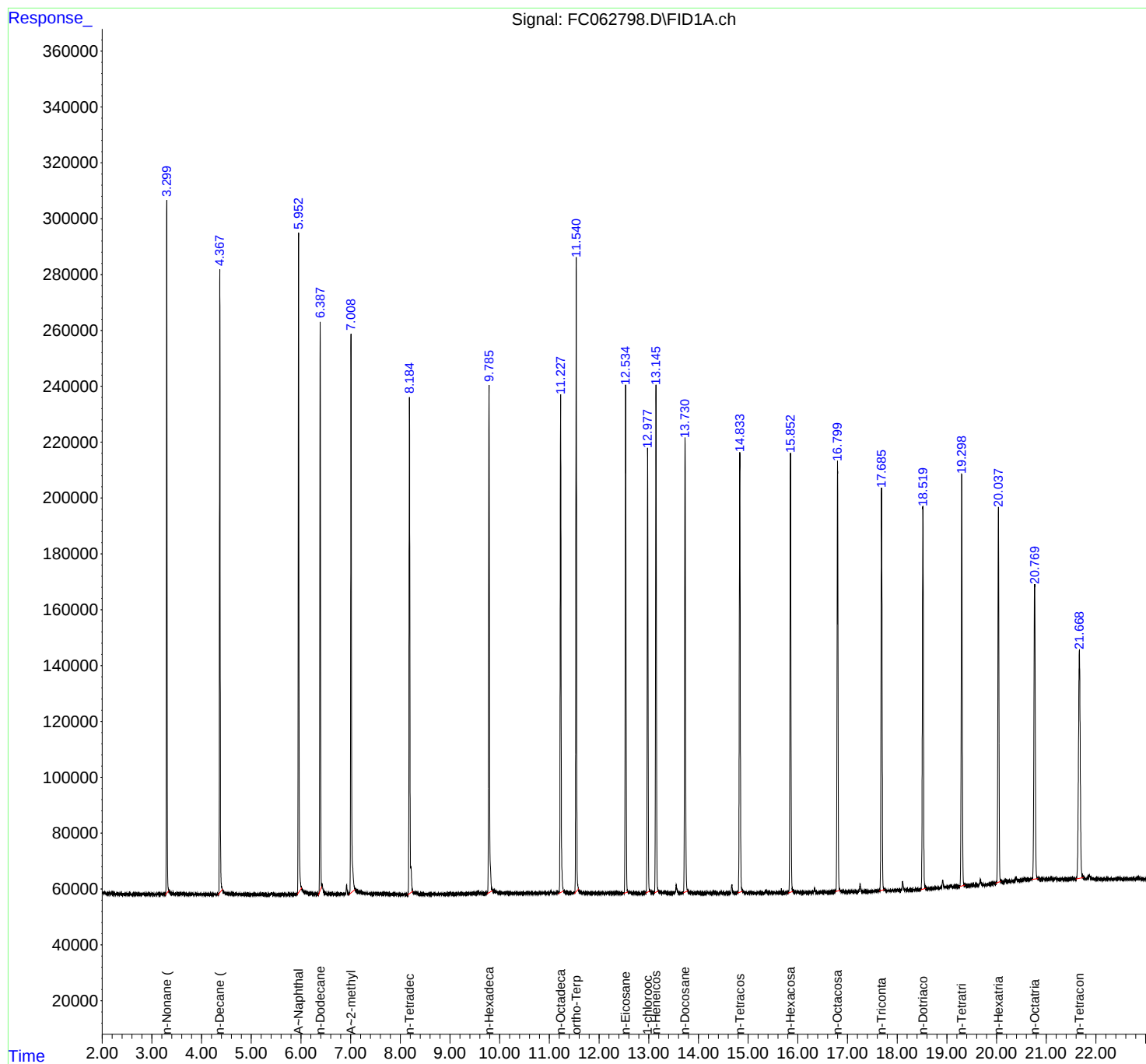
(m)=manual int.

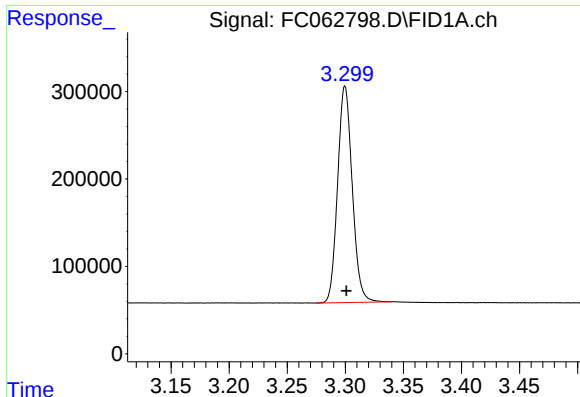
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012723AL\
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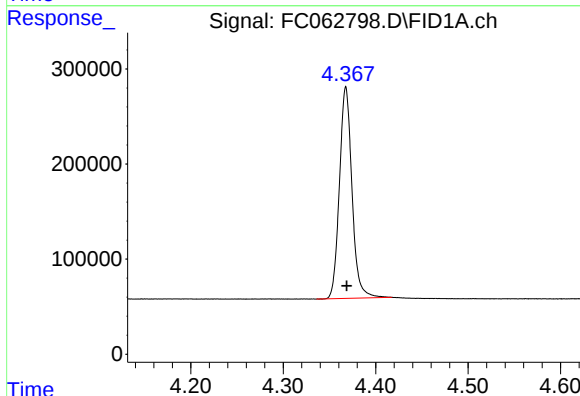




#1 n-Nonane (C9)

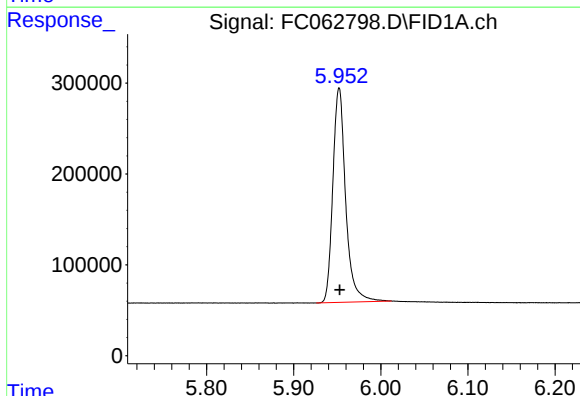
R.T.: 3.300 min
Delta R.T.: -0.001 min
Response: 2176324
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



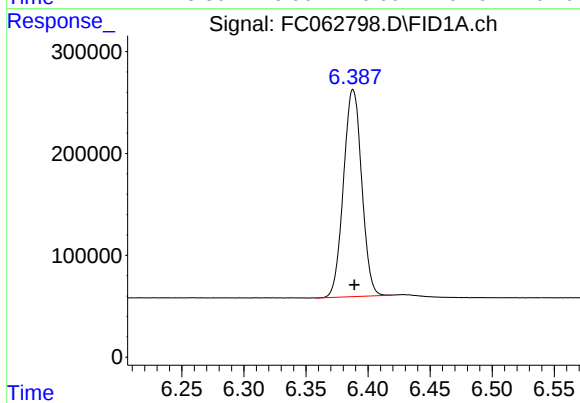
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 2099877
Conc: 20.21 ug/ml



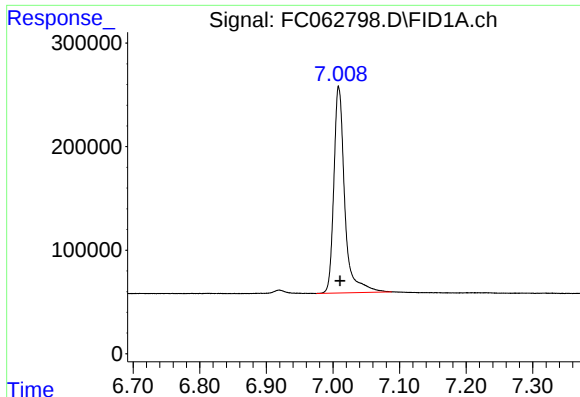
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 2412701
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

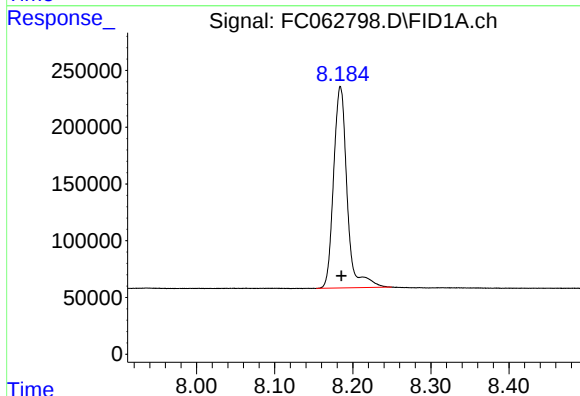
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 2077970
Conc: 20.10 ug/ml



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

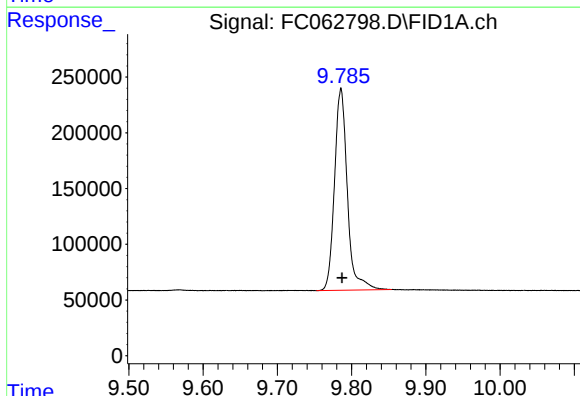
R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 2271130
Conc: 20.76 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



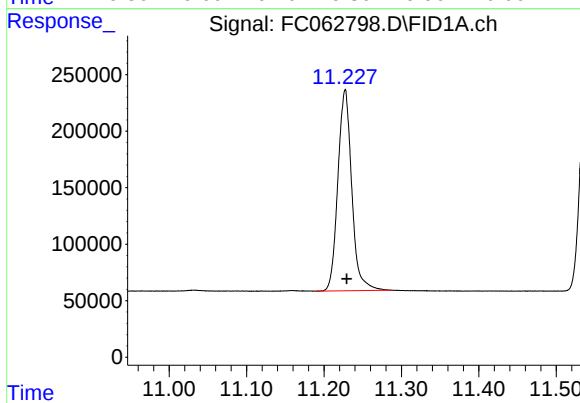
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.001 min
Response: 2132157
Conc: 20.78 ug/ml



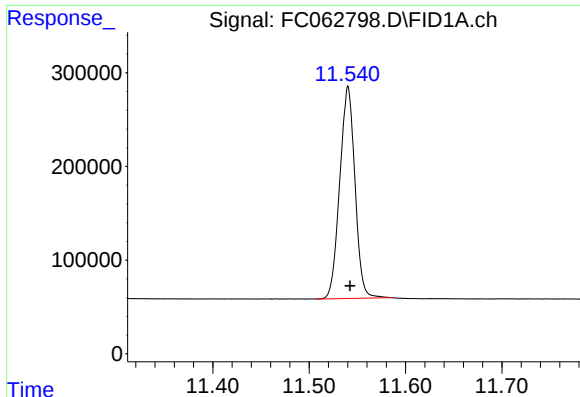
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.002 min
Response: 2175997
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

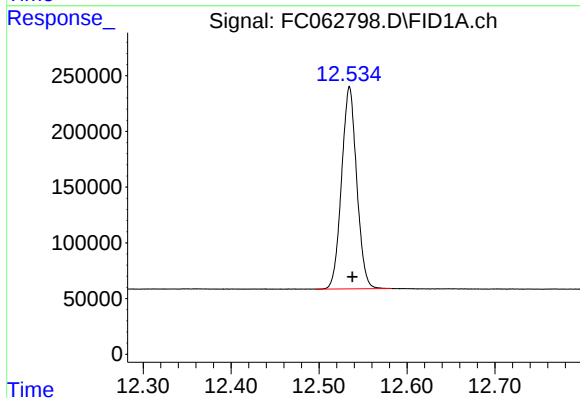
R.T.: 11.227 min
Delta R.T.: -0.002 min
Response: 2219650
Conc: 20.02 ug/ml



#9 ortho-Terphenyl (SURR)

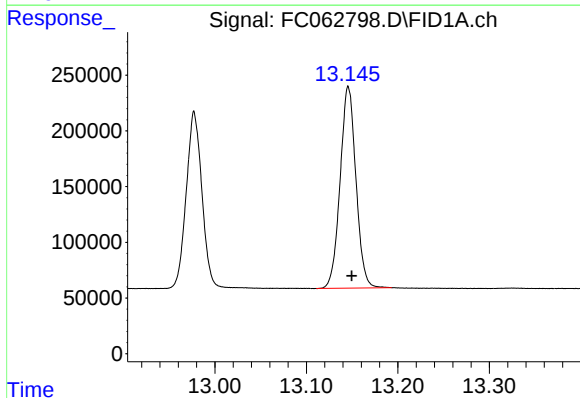
R.T.: 11.541 min
Delta R.T.: -0.002 min
Response: 2477386
Conc: 19.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



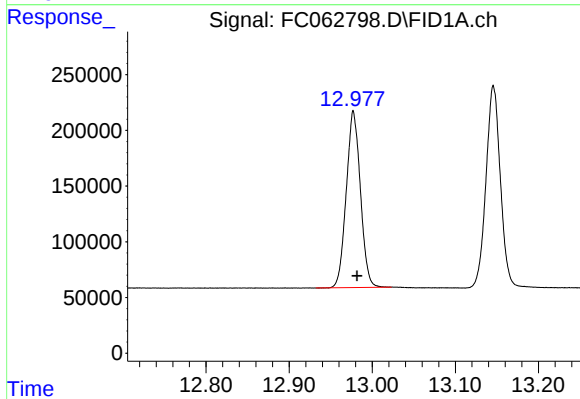
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.003 min
Response: 2170174
Conc: 19.90 ug/ml



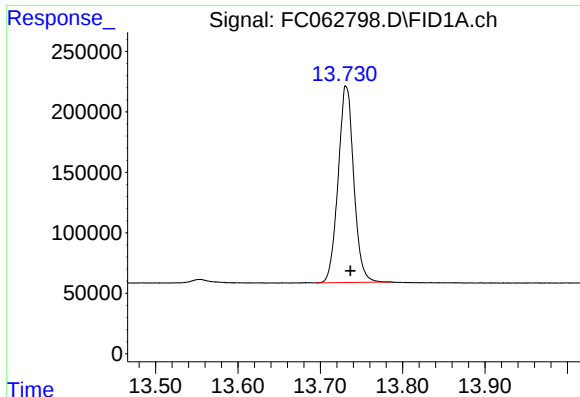
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.004 min
Response: 2172527
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

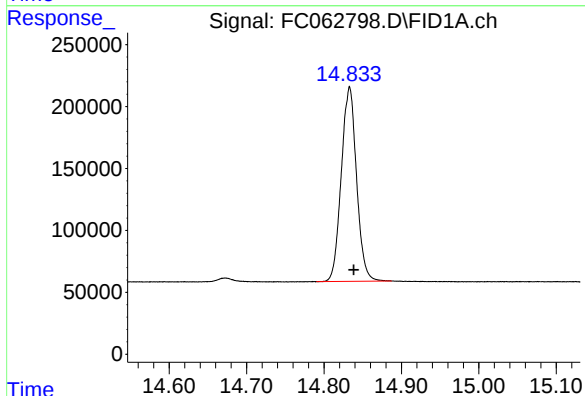
R.T.: 12.977 min
Delta R.T.: -0.004 min
Response: 1875325
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

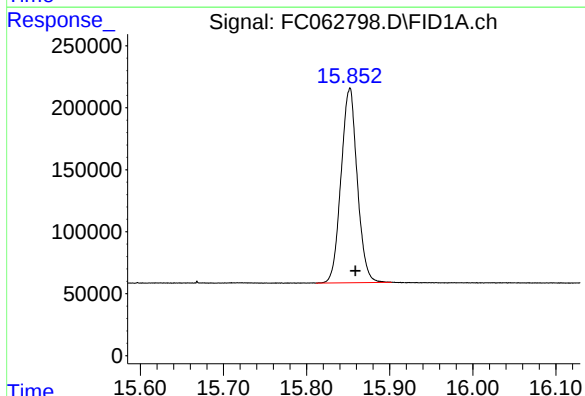
R.T.: 13.731 min
Delta R.T.: -0.005 min
Response: 2144446
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



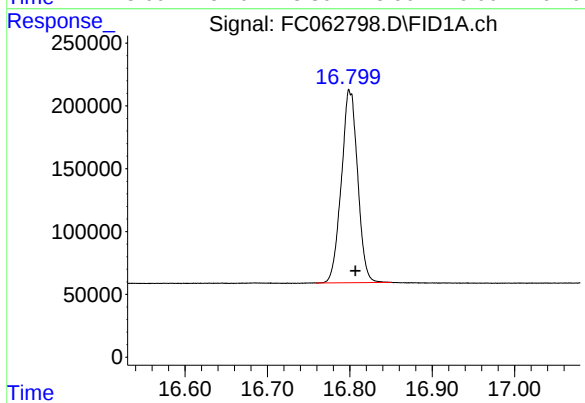
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.005 min
Response: 2152243
Conc: 20.10 ug/ml



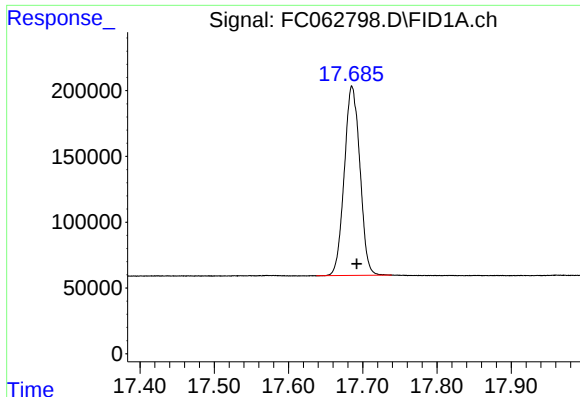
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.007 min
Response: 2127184
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

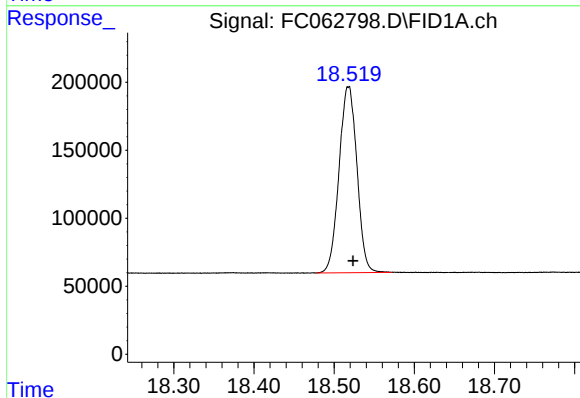
R.T.: 16.800 min
Delta R.T.: -0.007 min
Response: 2107746
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

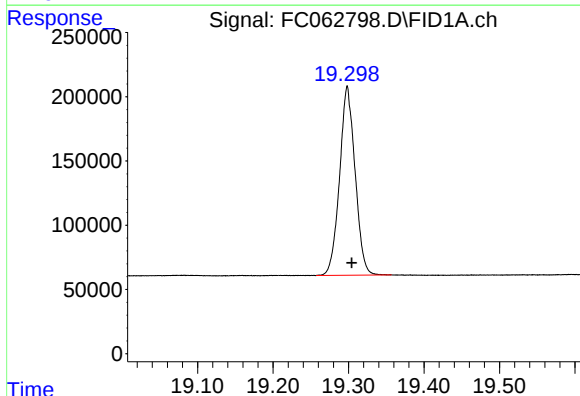
R.T.: 17.686 min
Delta R.T.: -0.006 min
Response: 2105323
Conc: 20.16 ug/ml

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FID_C
ClientSampleId :
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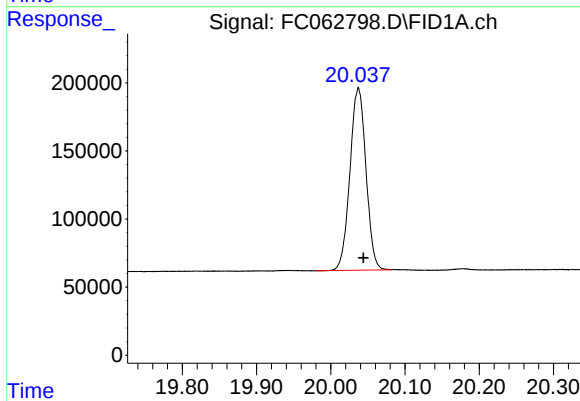
#18 n-Dotriacontane (C32)

R.T.: 18.518 min
Delta R.T.: -0.005 min
Response: 2125103
Conc: 19.67 ug/ml



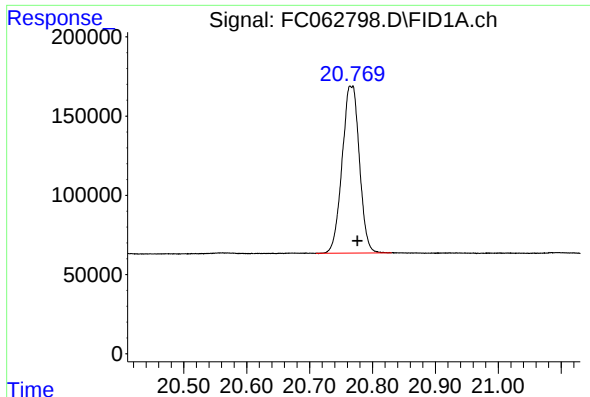
#19 n-Tetratriacontane (C34)

R.T.: 19.298 min
Delta R.T.: -0.006 min
Response: 2099945
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

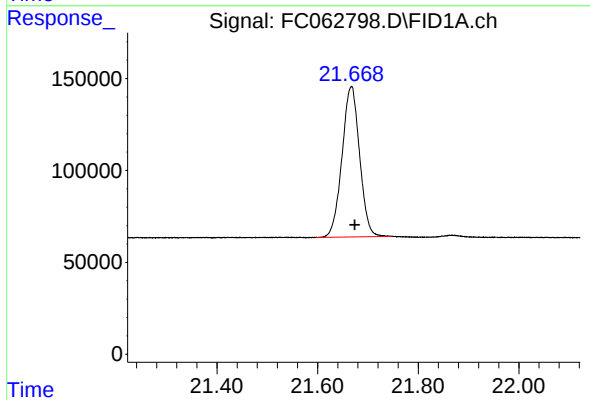
R.T.: 20.037 min
Delta R.T.: -0.007 min
Response: 2007192
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: -0.010 min
Response: 2008439
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: -0.007 min
Response: 1983989
Conc: 20.58 ug/ml