

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062623AL\
 Data File : FC063989.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jun 2023 09:03
 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: autoint1.e
 Quant Time: Jun 27 03:54:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.523	3715575	19.136 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
12) S 1-chlorooctadecane (S...	12.959	2647685	19.030 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
Target Compounds			
1) T n-Nonane (C9)	3.304	3432236	19.244 ug/ml
2) T n-Decane (C10)	4.367	3478886	19.225 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3582078	19.204 ug/ml
4) T n-Dodecane (C12)	6.382	3460439	19.209 ug/ml
5) T A~2-methylnaphthalene...	7.004	3384034	19.229 ug/ml
6) T n-Tetradecane (C14)	8.174	3314545	19.160 ug/ml
7) T n-Hexadecane (C16)	9.772	3317550	19.098 ug/ml
8) T n-Octadecane (C18)	11.210	3295795	19.123 ug/ml
10) T n-Eicosane (C20)	12.516	3100281	18.991 ug/ml
11) T n-Heneicosane (C21)	13.126	3026070	18.887 ug/ml
13) T n-Docosane (C22)	13.711	2976223	18.940 ug/ml
14) T n-Tetracosane (C24)	14.811	2918272	18.514 ug/ml
15) T n-Hexacosane (C26)	15.828	2853197	18.885 ug/ml
16) T n-Octacosane (C28)	16.775	2801742	18.594 ug/ml
17) T n-Tricontane (C30)	17.660	2885455	18.481 ug/ml
18) T n-Dotriacontane (C32)	18.490	2884677	18.260 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2858459	18.576 ug/ml
20) T n-Hexatriacontane (C36)	20.007	2756774	18.673 ug/ml
21) T n-Octatriacontane (C38)	20.732	2800248	18.904 ug/ml
22) T n-Tetracontane (C40)	21.622	2754261	18.896 ug/ml

(f)=RT Delta > 1/2 Window

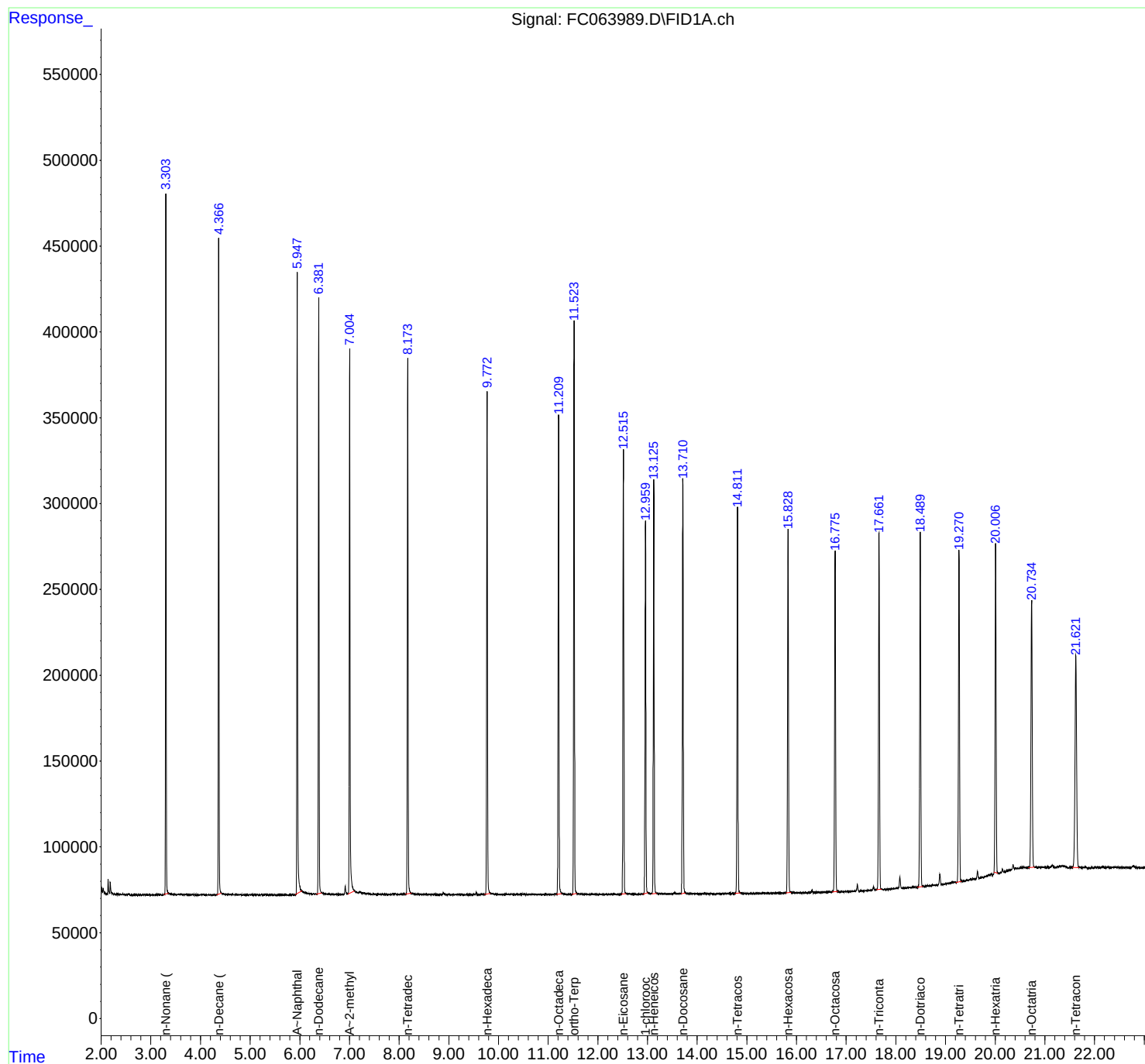
(m)=manual int.

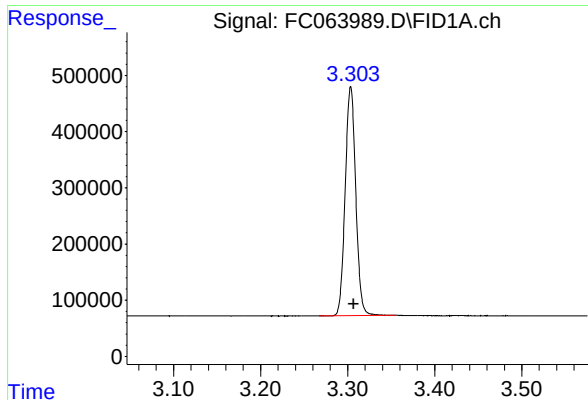
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062623AL\
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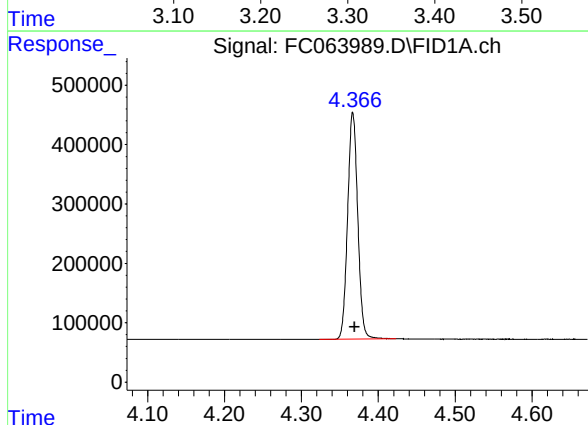




#1 n-Nonane (C9)

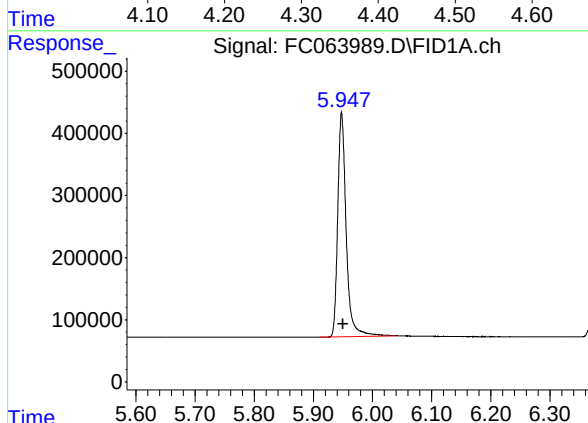
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3432236
Conc: 19.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



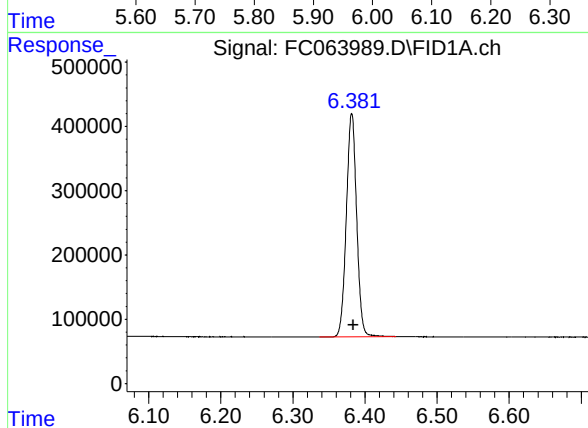
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 3478886
Conc: 19.23 ug/ml



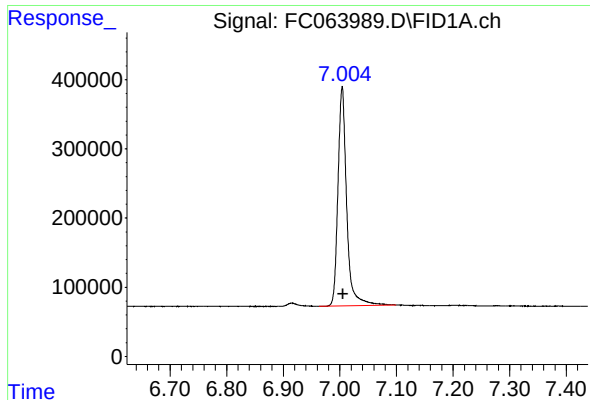
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 3582078
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

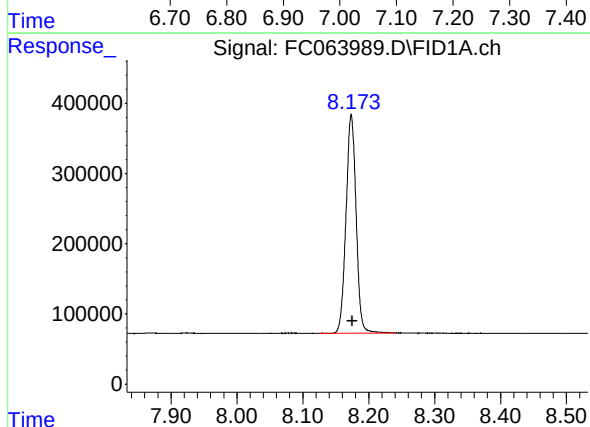
R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 3460439
Conc: 19.21 ug/ml



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

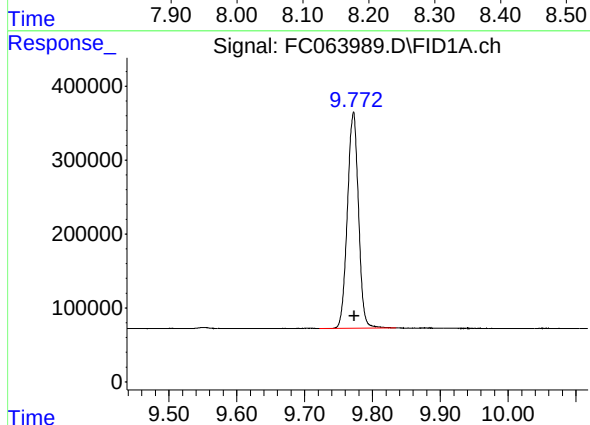
R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 3384034
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



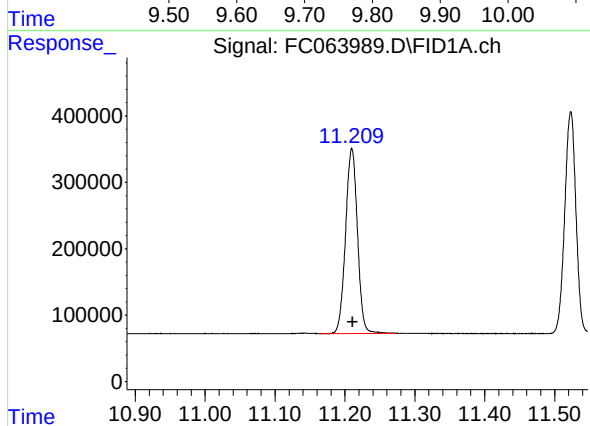
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 3314545
Conc: 19.16 ug/ml



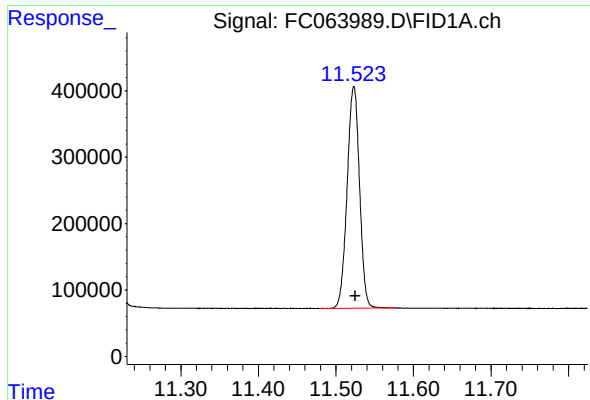
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 3317550
Conc: 19.10 ug/ml



#8 n-Octadecane (C18)

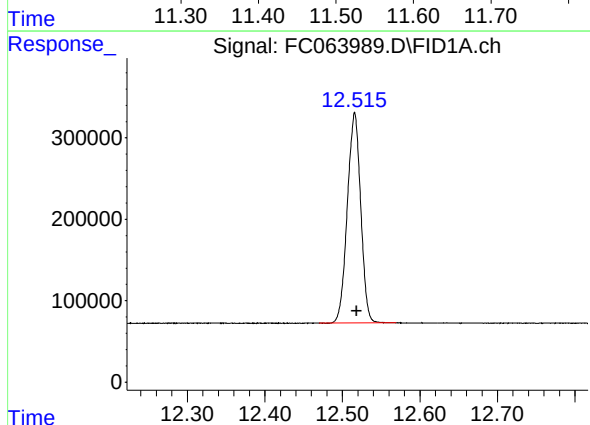
R.T.: 11.210 min
Delta R.T.: -0.001 min
Response: 3295795
Conc: 19.12 ug/ml



#9 ortho-Terphenyl (SURR)

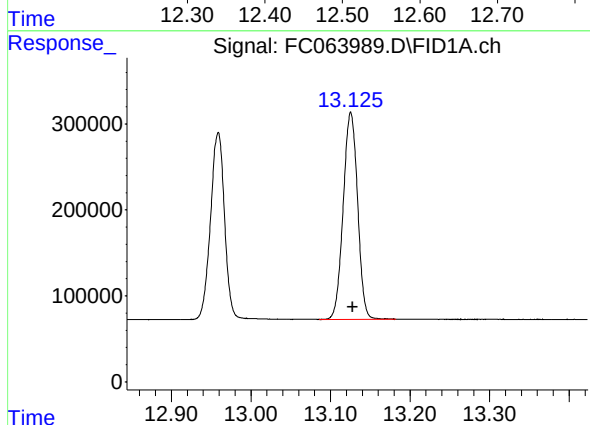
R.T.: 11.523 min
Delta R.T.: -0.002 min
Response: 3715575
Conc: 19.14 ug/ml

Instrument :
FID_C
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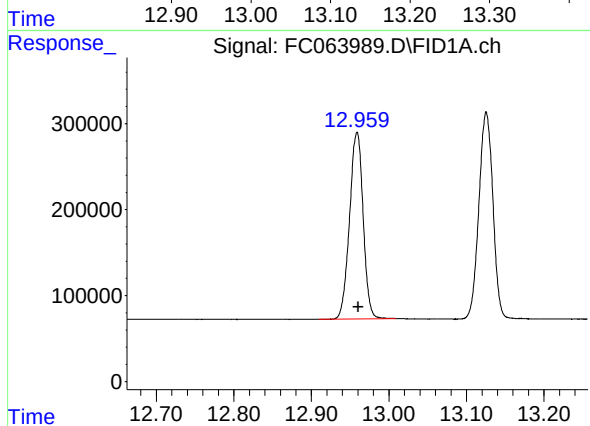
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.002 min
Response: 3100281
Conc: 18.99 ug/ml



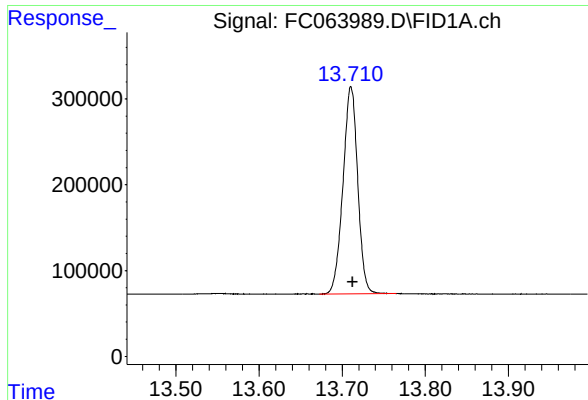
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.002 min
Response: 3026070
Conc: 18.89 ug/ml



#12 1-chlorooctadecane (SURR)

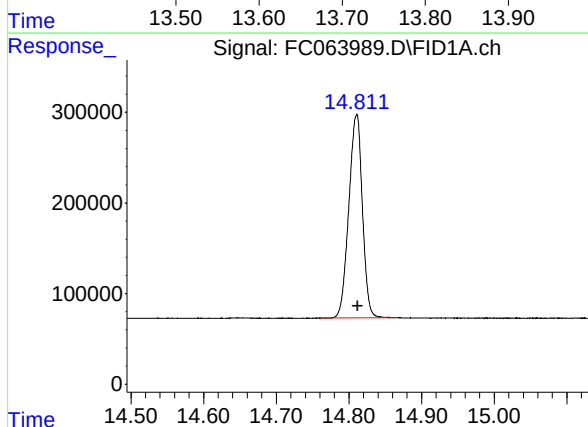
R.T.: 12.959 min
Delta R.T.: -0.002 min
Response: 2647685
Conc: 19.03 ug/ml



#13 n-Docosane (C22)

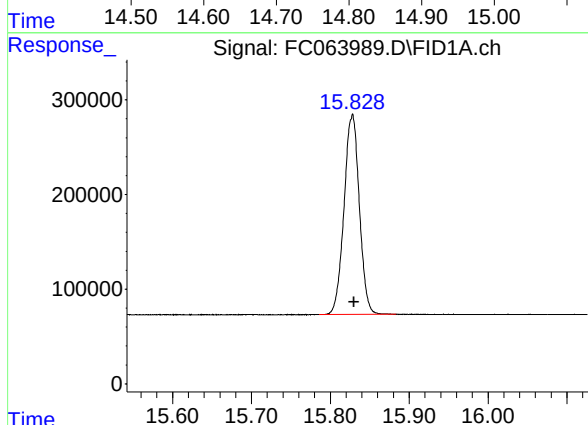
R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 2976223
Conc: 18.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



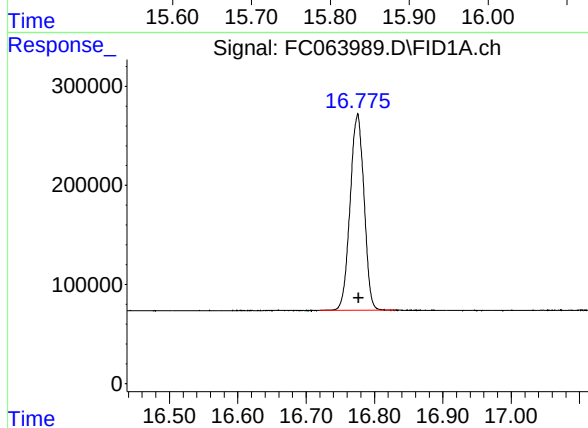
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.002 min
Response: 2918272
Conc: 18.51 ug/ml



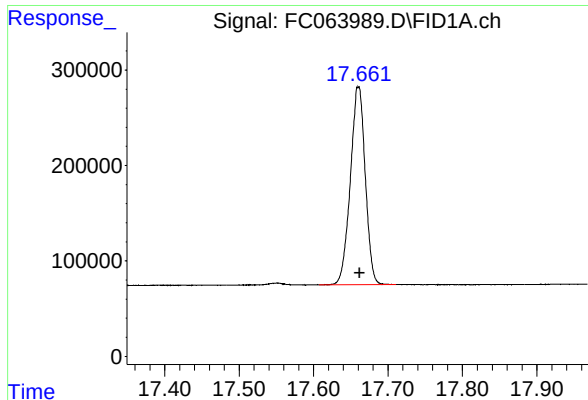
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.002 min
Response: 2853197
Conc: 18.88 ug/ml



#16 n-Octacosane (C28)

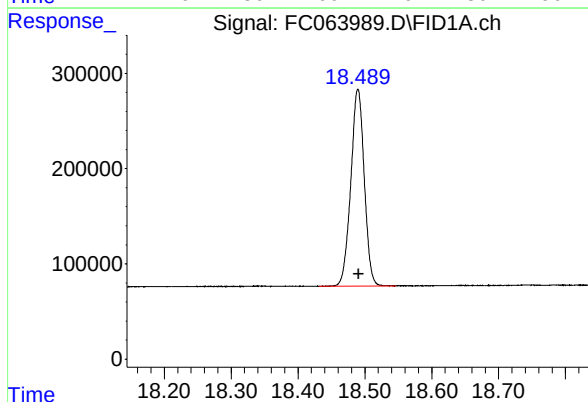
R.T.: 16.775 min
Delta R.T.: -0.001 min
Response: 2801742
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

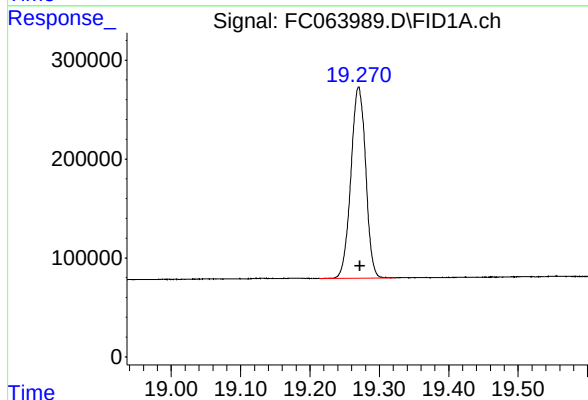
R.T.: 17.660 min
Delta R.T.: -0.002 min
Response: 2885455
Conc: 18.48 ug/ml

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20 PPM ALIPHATIC HC STD



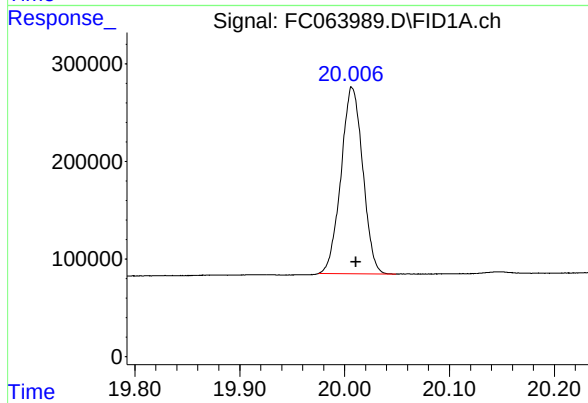
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.001 min
Response: 2884677
Conc: 18.26 ug/ml



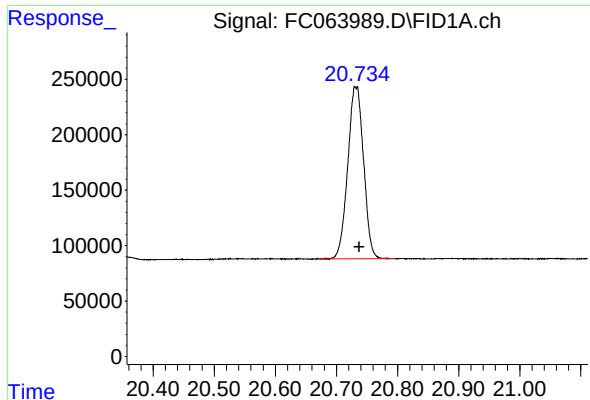
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.002 min
Response: 2858459
Conc: 18.58 ug/ml



#20 n-Hexatriacontane (C36)

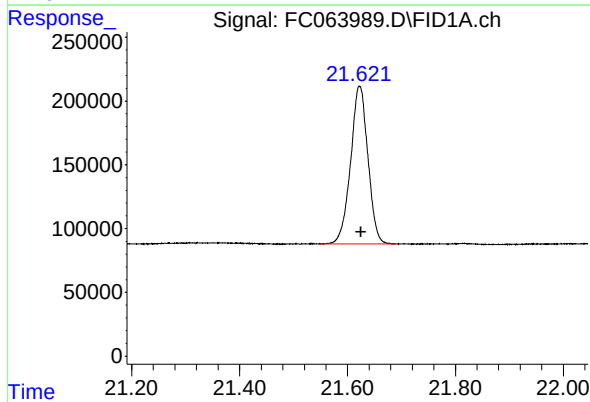
R.T.: 20.007 min
Delta R.T.: -0.004 min
Response: 2756774
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.006 min
Response: 2800248
Conc: 18.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: -0.003 min
Response: 2754261
Conc: 18.90 ug/ml