

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063302.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 09:25
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 05 09:55:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.528	2817677	18.519 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
12) S 1-chlorooctadecane (S...	12.966	2068163	18.692 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.300	2644706	18.837 ug/ml
2) T n-Decane (C10)	4.365	2562069	18.801 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2820025	18.675 ug/ml
4) T n-Dodecane (C12)	6.382	2519777	18.731 ug/ml
5) T A~2-methylnaphthalene...	7.004	2597403	18.649 ug/ml
6) T n-Tetradecane (C14)	8.176	2540205	18.764 ug/ml
7) T n-Hexadecane (C16)	9.776	2548754	18.769 ug/ml
8) T n-Octadecane (C18)	11.215	2579741	18.625 ug/ml
10) T n-Eicosane (C20)	12.522	2495280	18.573 ug/ml
11) T n-Heneicosane (C21)	13.134	2501720	18.588 ug/ml
13) T n-Docosane (C22)	13.719	2467523	18.503 ug/ml
14) T n-Tetracosane (C24)	14.818	2464781	18.332 ug/ml
15) T n-Hexacosane (C26)	15.837	2443559	18.256 ug/ml
16) T n-Octacosane (C28)	16.785	2445609	18.062 ug/ml
17) T n-Tricontane (C30)	17.671	2466145	17.828 ug/ml
18) T n-Dotriacontane (C32)	18.500	2527251	17.901 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2515734	18.230 ug/ml
20) T n-Hexatriacontane (C36)	20.017	2396770	18.751 ug/ml
21) T n-Octatriacontane (C38)	20.743	2296456	18.650 ug/ml
22) T n-Tetracontane (C40)	21.636	2010057	17.081 ug/ml

(f)=RT Delta > 1/2 Window

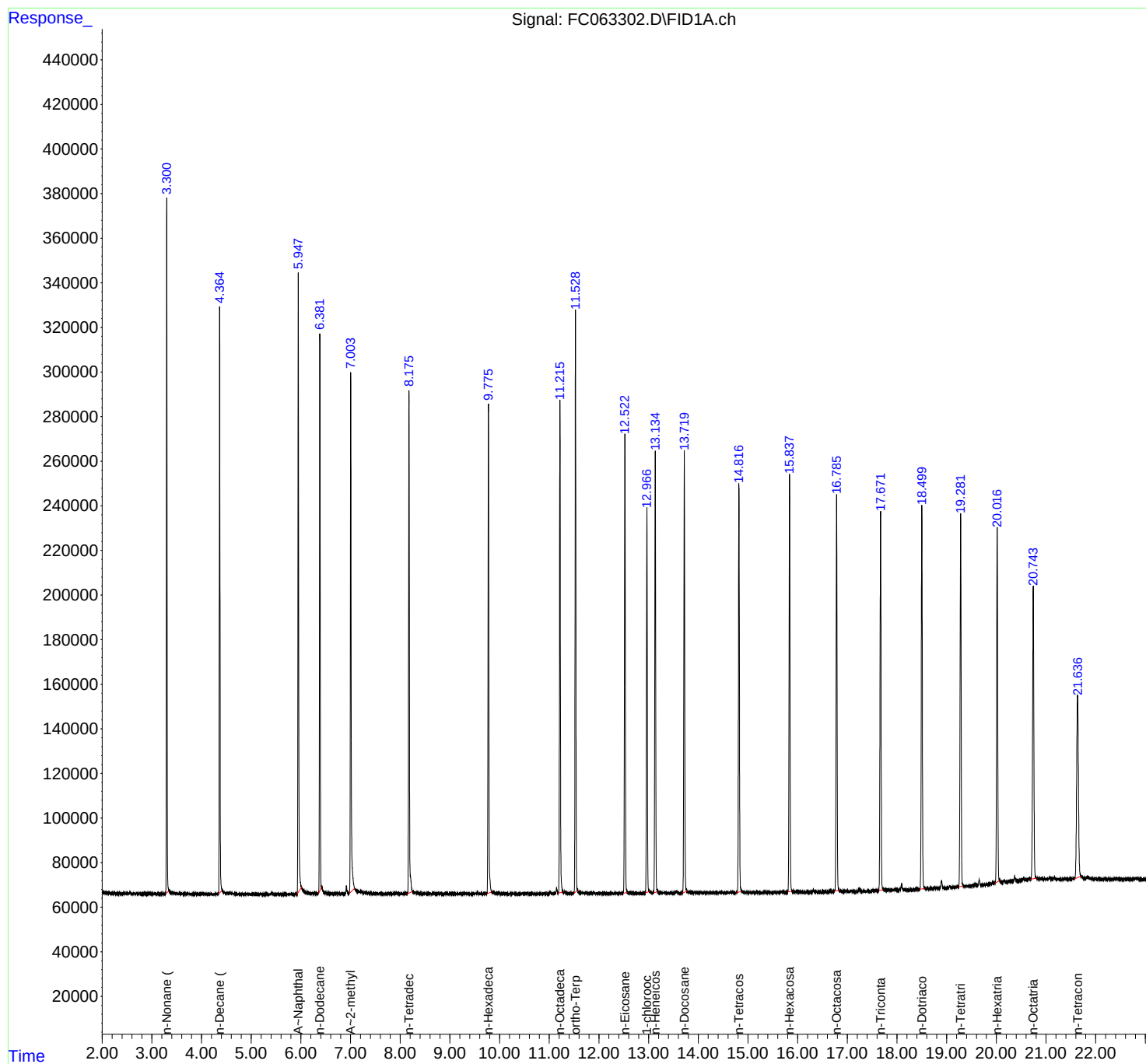
(m)=manual int.

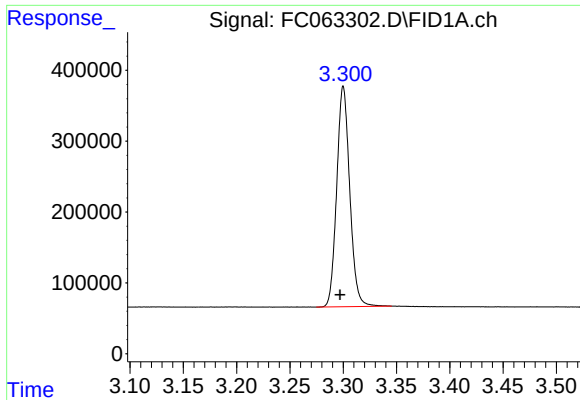
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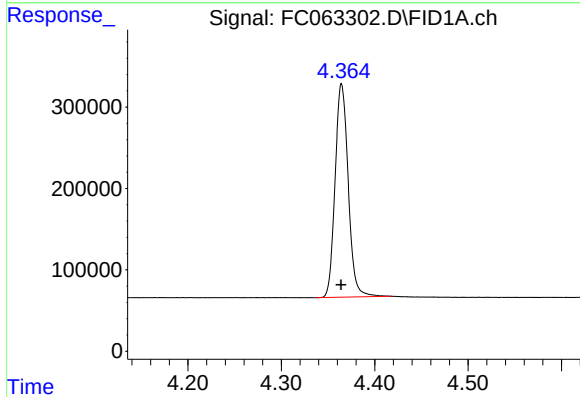




#1 n-Nonane (C9)

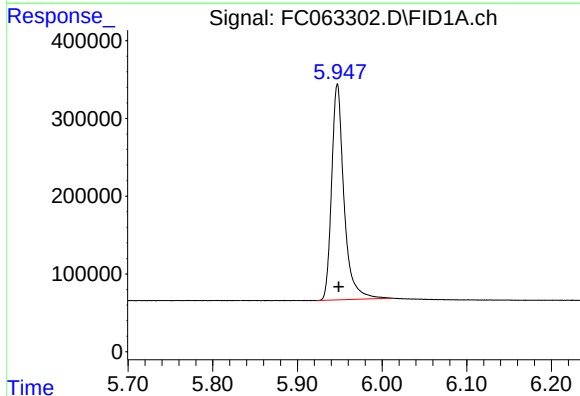
R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 2644706
Conc: 18.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



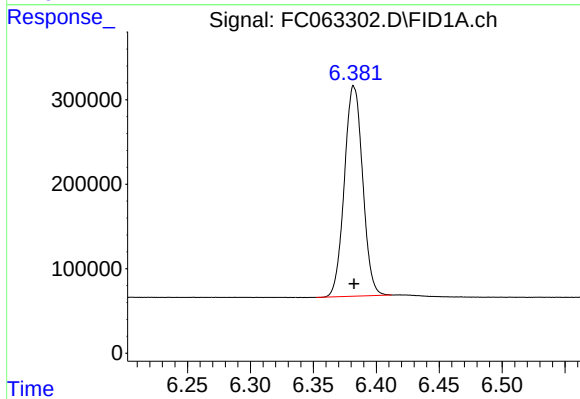
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 2562069
Conc: 18.80 ug/ml



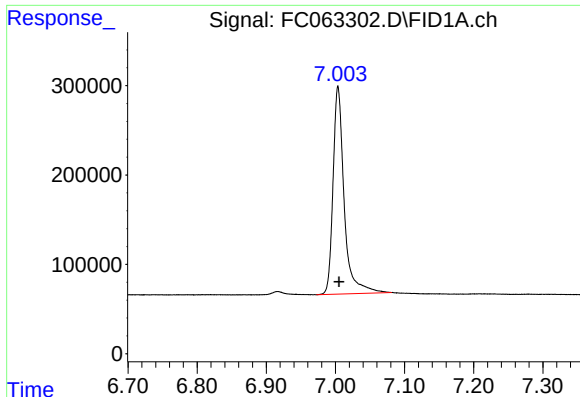
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 2820025
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

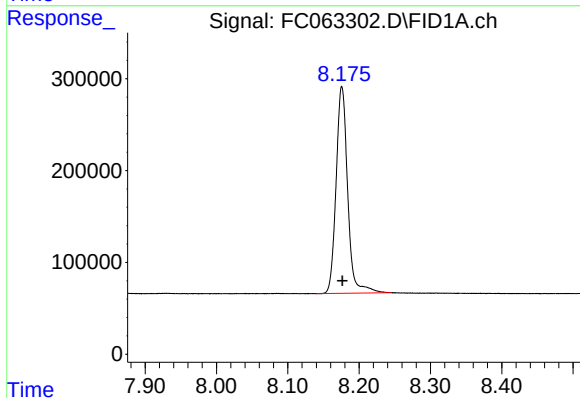
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2519777
Conc: 18.73 ug/ml



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

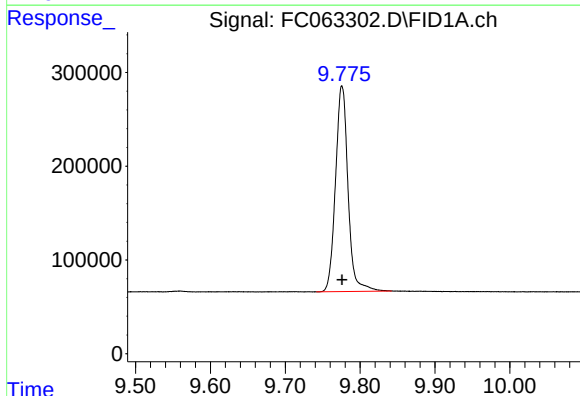
R.T.: 7.004 min
Delta R.T.: -0.001 min
Response: 2597403
Conc: 18.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



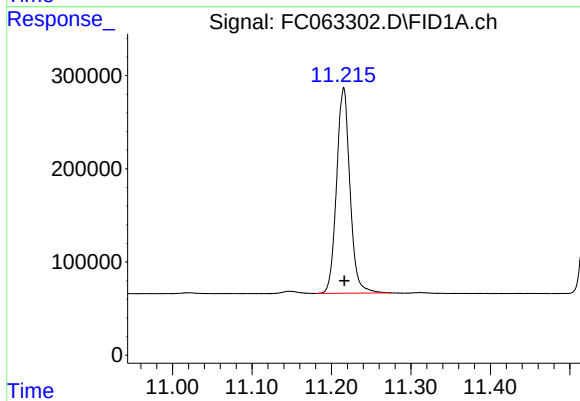
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2540205
Conc: 18.76 ug/ml



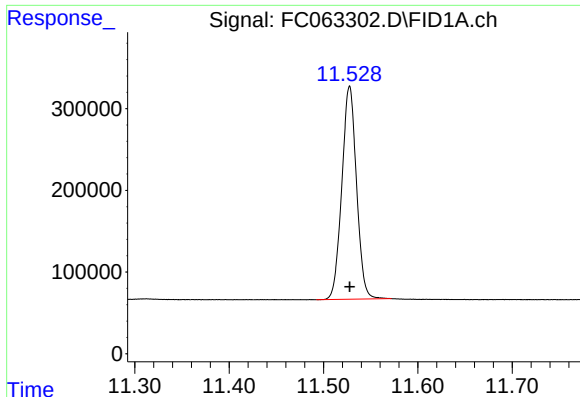
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 2548754
Conc: 18.77 ug/ml



#8 n-Octadecane (C18)

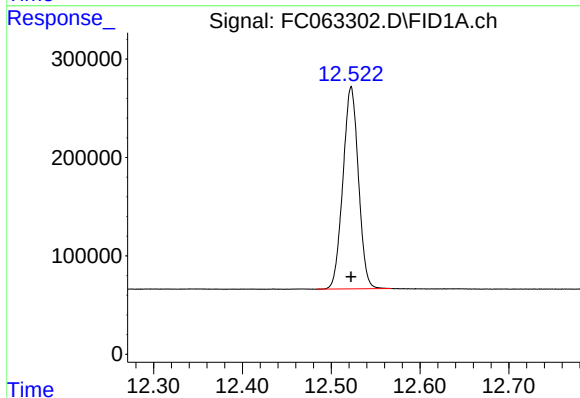
R.T.: 11.215 min
Delta R.T.: 0.000 min
Response: 2579741
Conc: 18.62 ug/ml



#9 ortho-Terphenyl (SURR)

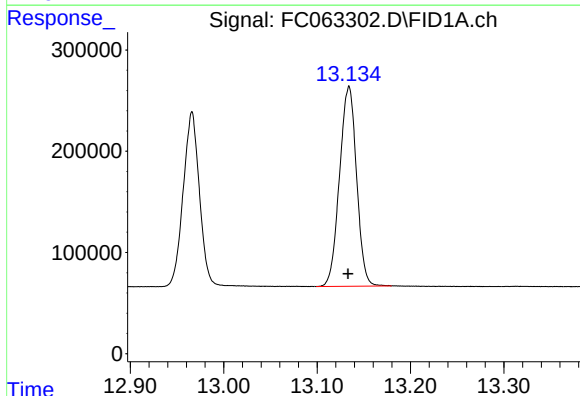
R.T.: 11.528 min
Delta R.T.: 0.000 min
Response: 2817677
Conc: 18.52 ug/ml

Instrument :
FID_C
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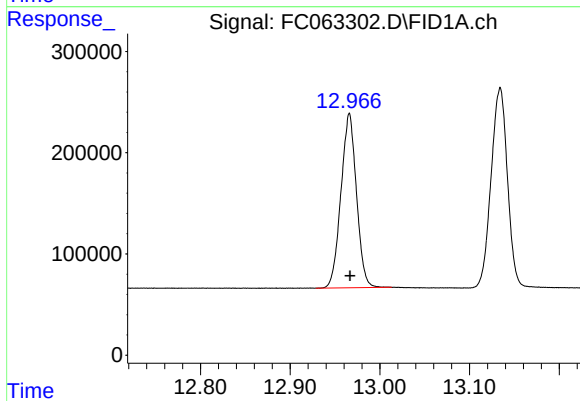
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: 0.000 min
Response: 2495280
Conc: 18.57 ug/ml



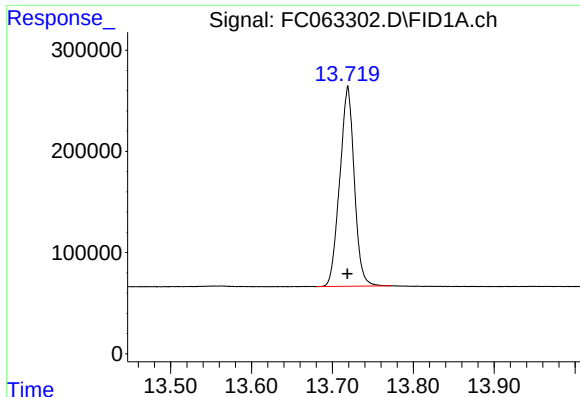
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.001 min
Response: 2501720
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURR)

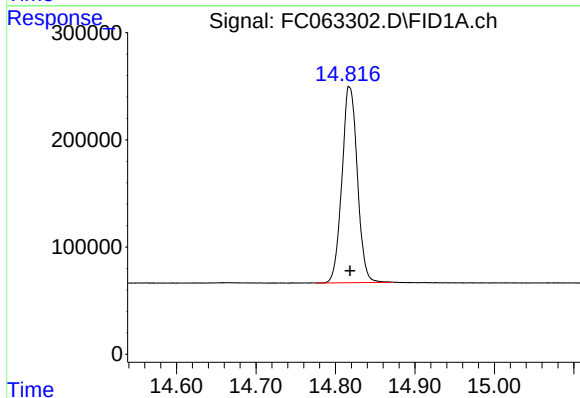
R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 2068163
Conc: 18.69 ug/ml



#13 n-Docosane (C22)

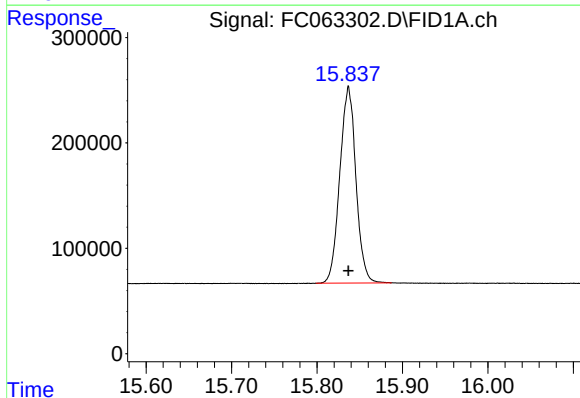
R.T.: 13.719 min
Delta R.T.: 0.000 min
Response: 2467523
Conc: 18.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



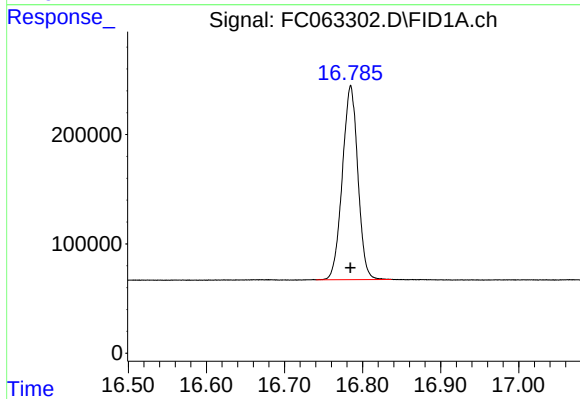
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 2464781
Conc: 18.33 ug/ml



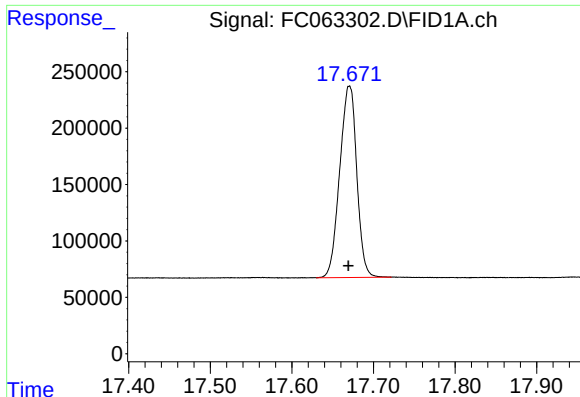
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.000 min
Response: 2443559
Conc: 18.26 ug/ml



#16 n-Octacosane (C28)

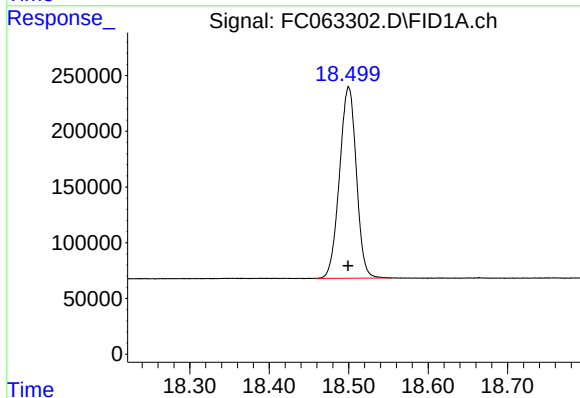
R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 2445609
Conc: 18.06 ug/ml



#17 n-Tricontane (C30)

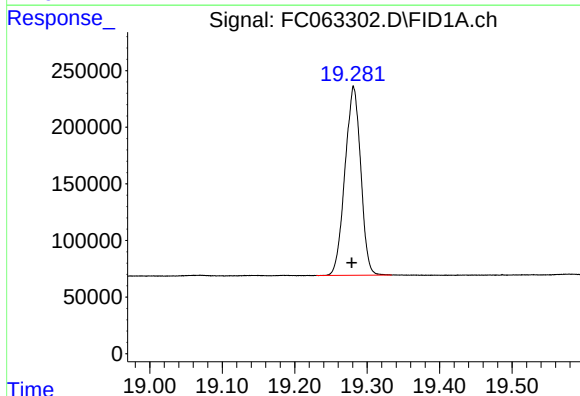
R.T.: 17.671 min
Delta R.T.: 0.001 min
Response: 2466145
Conc: 17.83 ug/ml

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20 PPM ALIPHATIC HC STD



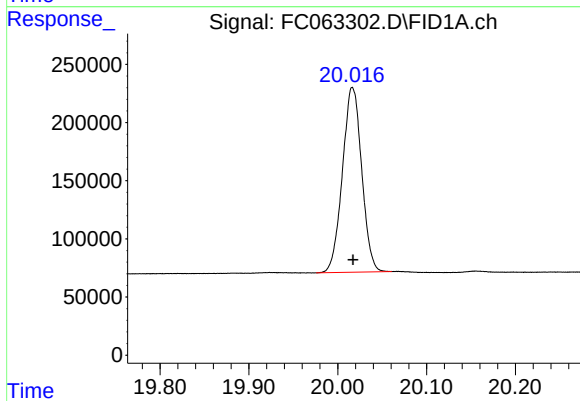
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 2527251
Conc: 17.90 ug/ml



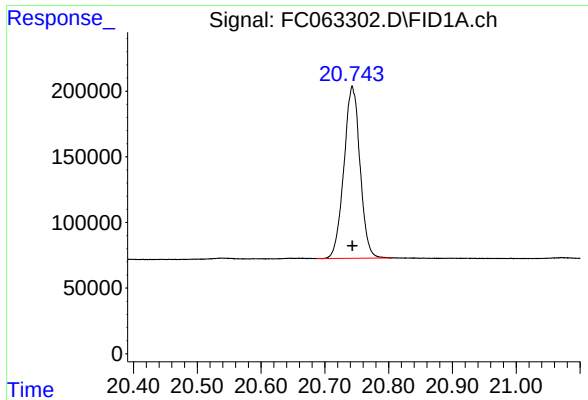
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: 0.003 min
Response: 2515734
Conc: 18.23 ug/ml



#20 n-Hexatriacontane (C36)

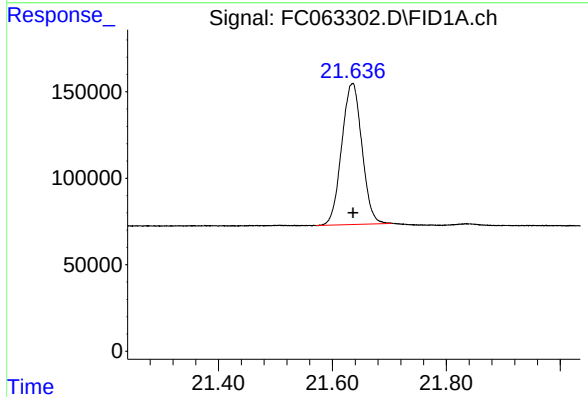
R.T.: 20.017 min
Delta R.T.: 0.000 min
Response: 2396770
Conc: 18.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.000 min
Response: 2296456
Conc: 18.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.636 min
Delta R.T.: -0.001 min
Response: 2010057
Conc: 17.08 ug/ml