

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051723AL\
 Data File : FC063621.D
 Signal(s) : FID1A.ch
 Acq On : 18 May 2023 03:05
 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: sample.E
 Quant Time: May 18 03:45:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.526	3624475	19.345 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
12) S 1-chlorooctadecane (S...	12.962	2545845	19.442 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
Target Compounds			
1) T n-Nonane (C9)	3.303	3111608	19.435 ug/ml
2) T n-Decane (C10)	4.366	3151339	19.475 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3298138	19.425 ug/ml
4) T n-Dodecane (C12)	6.382	3166895	19.454 ug/ml
5) T A~2-methylnaphthalene...	7.004	3180725	19.665 ug/ml
6) T n-Tetradecane (C14)	8.175	3120157	19.756 ug/ml
7) T n-Hexadecane (C16)	9.774	3143319	19.593 ug/ml
8) T n-Octadecane (C18)	11.213	3149642	19.666 ug/ml
10) T n-Eicosane (C20)	12.519	2964902	19.543 ug/ml
11) T n-Heneicosane (C21)	13.129	2884824	19.685 ug/ml
13) T n-Docosane (C22)	13.713	2831247	19.620 ug/ml
14) T n-Tetracosane (C24)	14.812	2770265	19.694 ug/ml
15) T n-Hexacosane (C26)	15.831	2703742	19.798 ug/ml
16) T n-Octacosane (C28)	16.777	2642403	19.978 ug/ml
17) T n-Tricontane (C30)	17.661	2728824	20.294 ug/ml
18) T n-Dotriacontane (C32)	18.491	2709046	20.289 ug/ml
19) T n-Tetratriacontane (C34)	19.271	2641771	20.351 ug/ml
20) T n-Hexatriacontane (C36)	20.009	2514990	20.309 ug/ml
21) T n-Octatriacontane (C38)	20.733	2518892	20.158 ug/ml
22) T n-Tetracontane (C40)	21.623	2479453	20.170 ug/ml

(f)=RT Delta > 1/2 Window

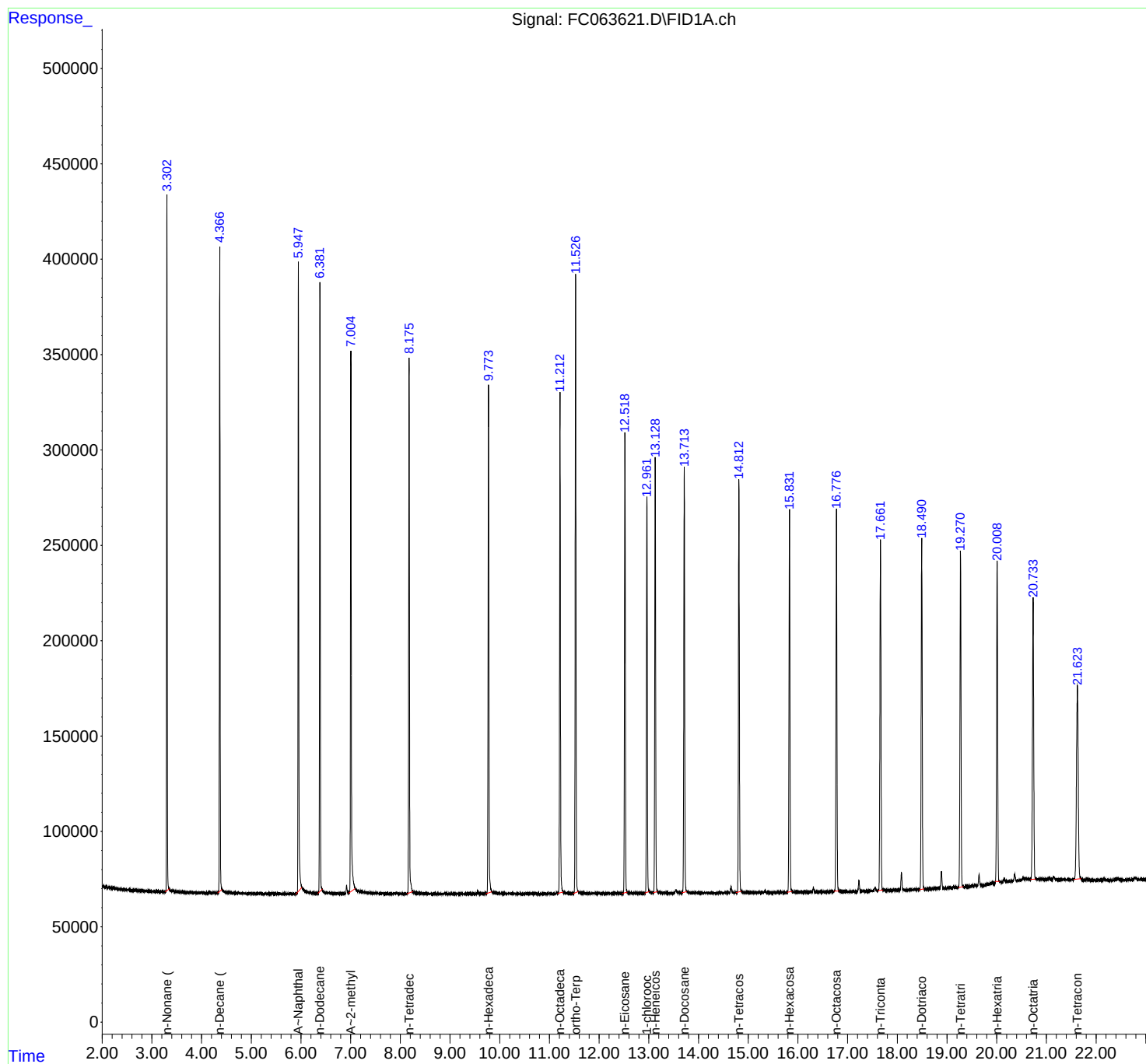
(m)=manual int.

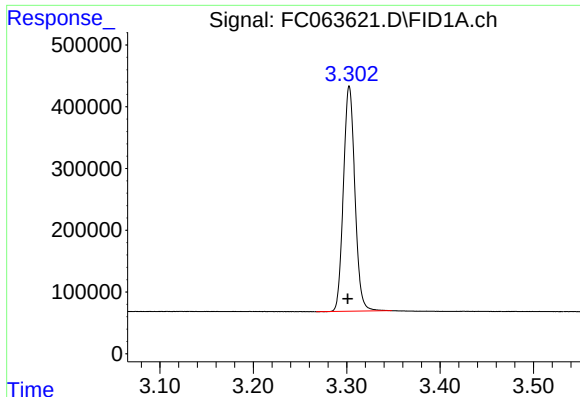
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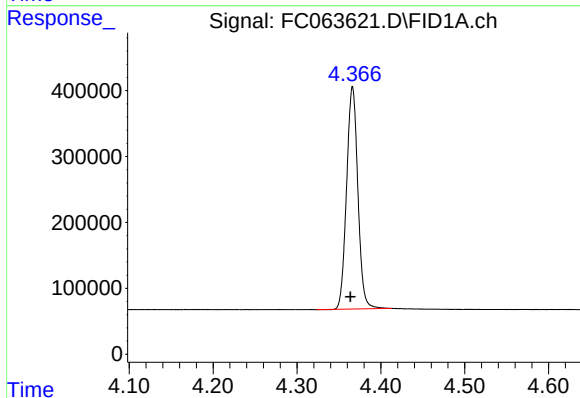




#1 n-Nonane (C9)

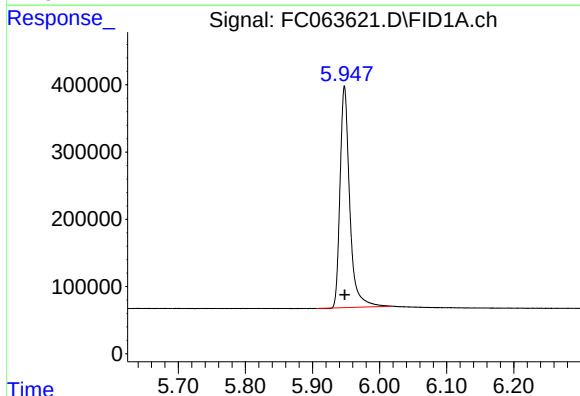
R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 3111608
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



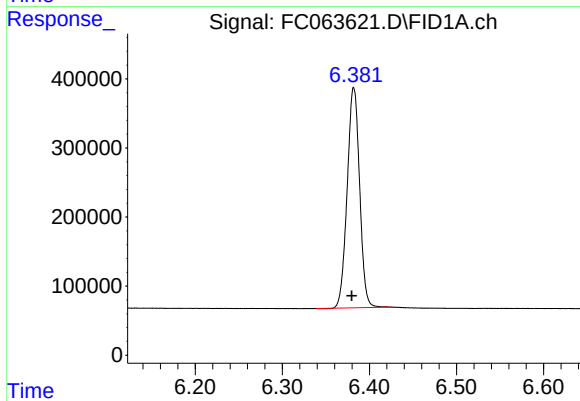
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 3151339
Conc: 19.47 ug/ml



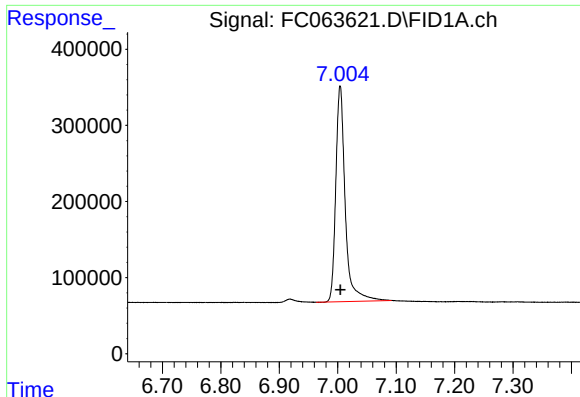
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3298138
Conc: 19.43 ug/ml



#4 n-Dodecane (C12)

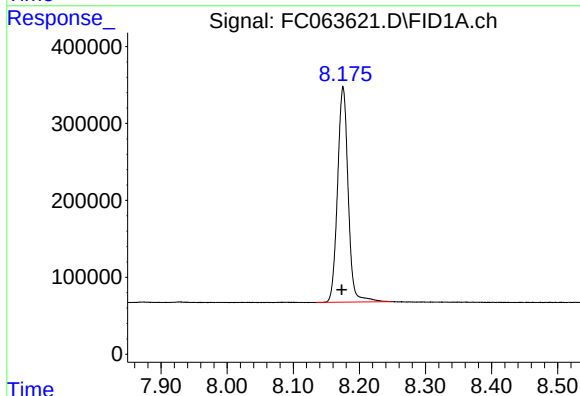
R.T.: 6.382 min
Delta R.T.: 0.003 min
Response: 3166895
Conc: 19.45 ug/ml



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

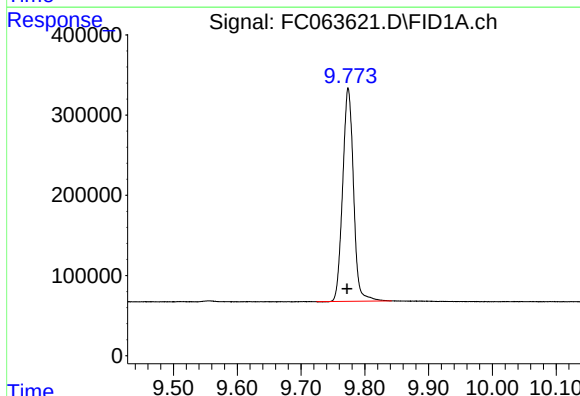
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 3180725
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



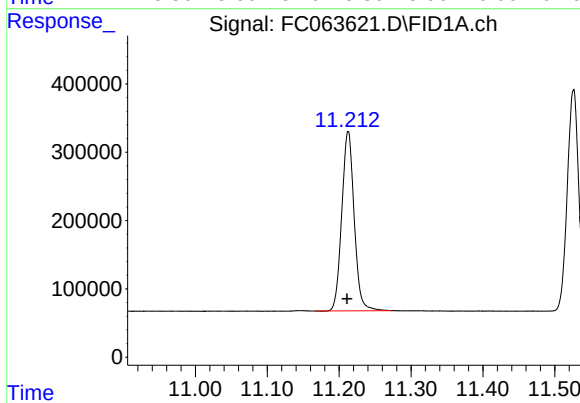
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.002 min
Response: 3120157
Conc: 19.76 ug/ml



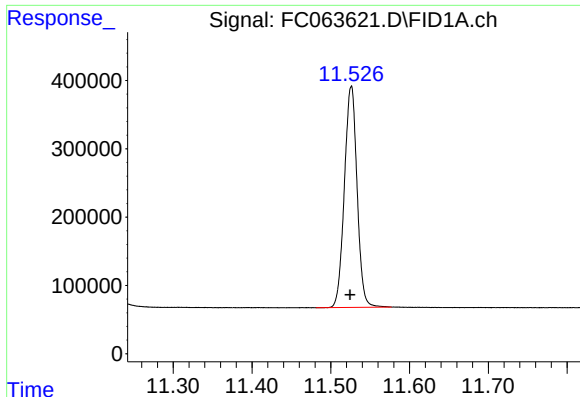
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.002 min
Response: 3143319
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

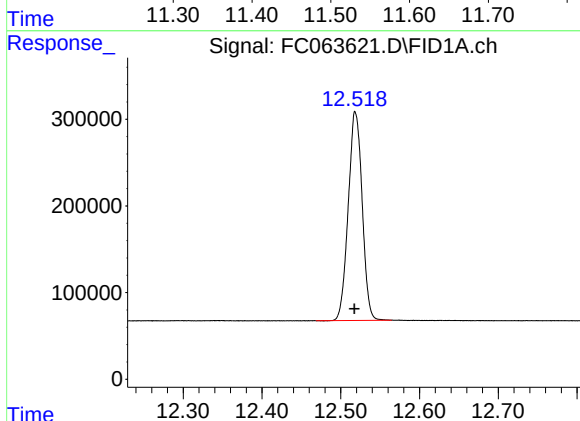
R.T.: 11.213 min
Delta R.T.: 0.002 min
Response: 3149642
Conc: 19.67 ug/ml



#9 ortho-Terphenyl (SURR)

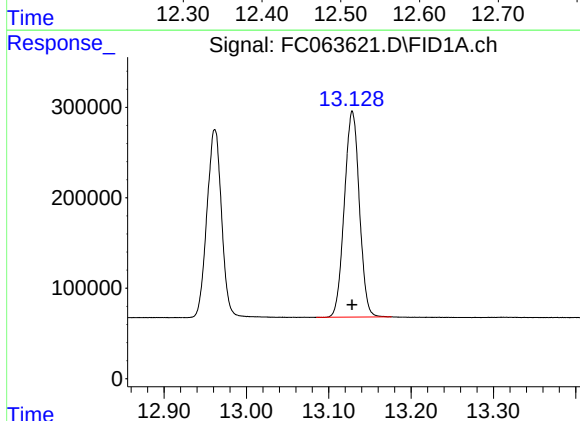
R.T.: 11.526 min
Delta R.T.: 0.002 min
Response: 3624475
Conc: 19.34 ug/ml

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FID_C
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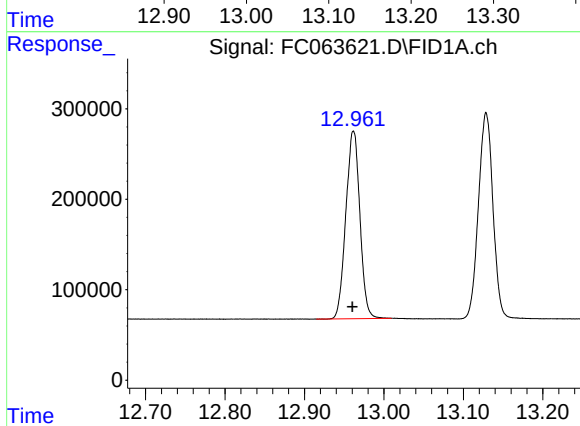
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.001 min
Response: 2964902
Conc: 19.54 ug/ml



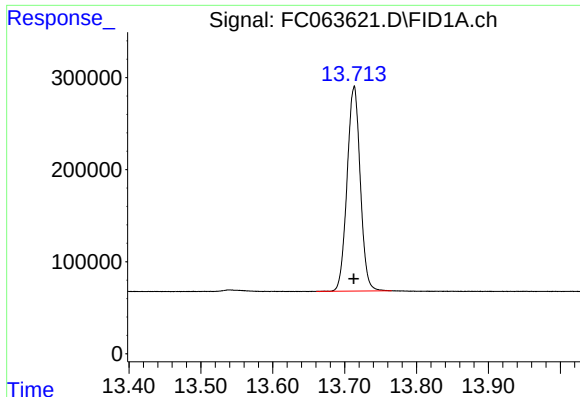
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 2884824
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

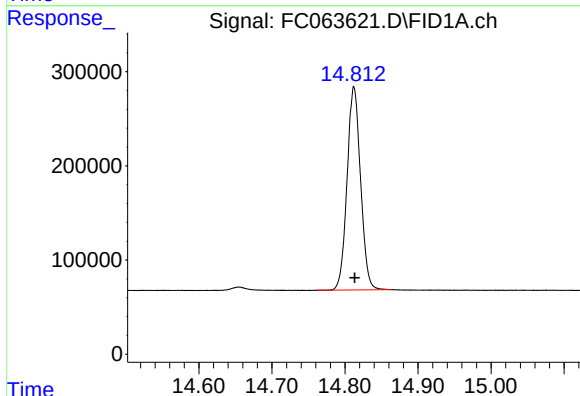
R.T.: 12.962 min
Delta R.T.: 0.002 min
Response: 2545845
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

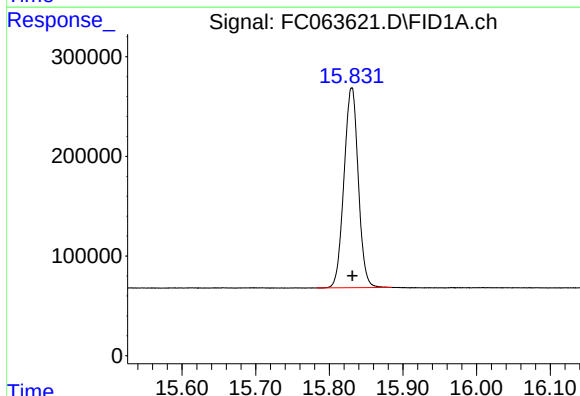
R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 2831247
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



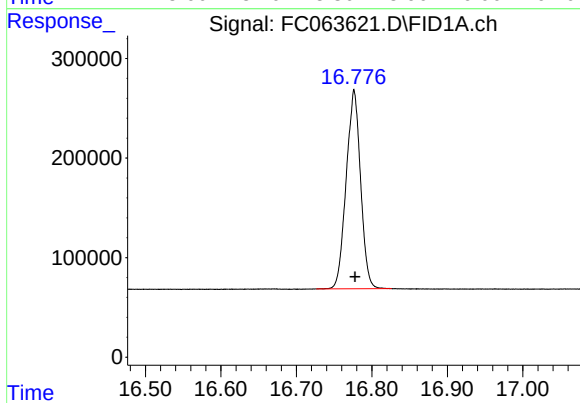
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 2770265
Conc: 19.69 ug/ml



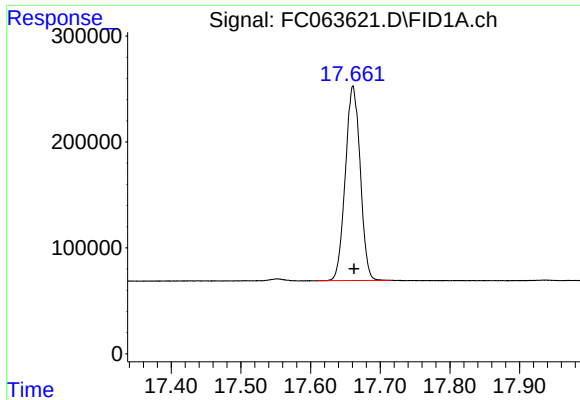
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: 0.000 min
Response: 2703742
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

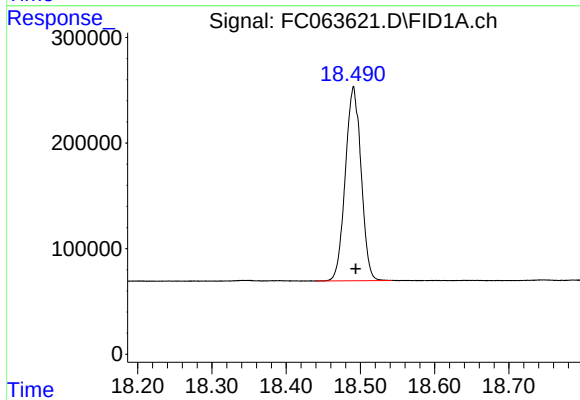
R.T.: 16.777 min
Delta R.T.: -0.001 min
Response: 2642403
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

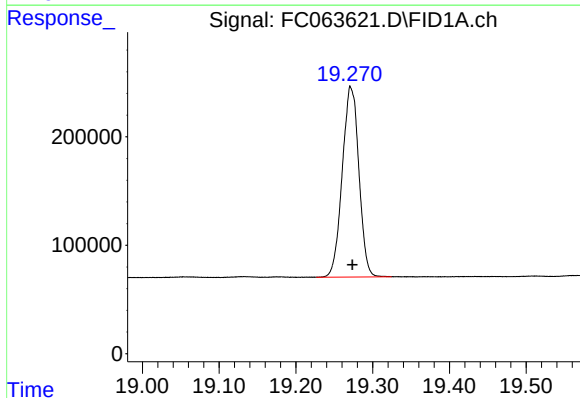
R.T.: 17.661 min
Delta R.T.: -0.002 min
Response: 2728824
Conc: 20.29 ug/ml

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20 PPM ALIPHATIC HC STD



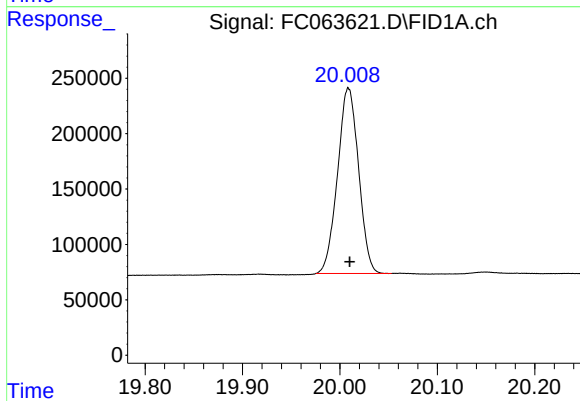
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.003 min
Response: 2709046
Conc: 20.29 ug/ml



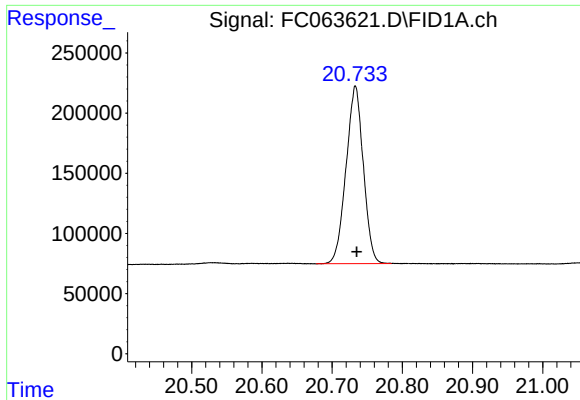
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.002 min
Response: 2641771
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

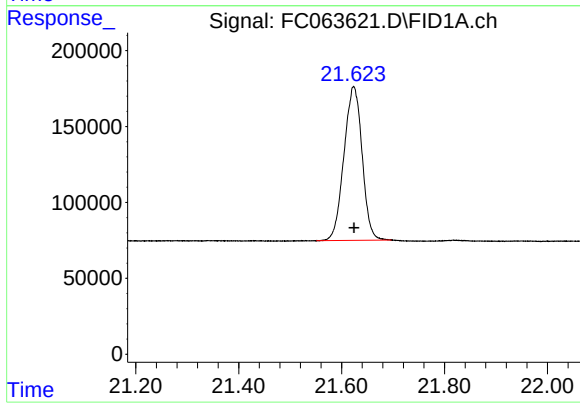
R.T.: 20.009 min
Delta R.T.: -0.001 min
Response: 2514990
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.002 min
Response: 2518892
Conc: 20.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: 0.000 min
Response: 2479453
Conc: 20.17 ug/ml