

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092222AL\
 Data File : FC061604.D
 Signal(s) : FID1A.ch
 Acq On : 22 Sep 2022 17:57
 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: Sep 23 03:04:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 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)	11.571	3368014	19.708 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	13.010	2685629	19.659 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.318	2849394	19.089 ug/ml
2) T n-Decane (C10)	4.389	2930576	19.428 ug/ml
3) T A~Naphthalene (C11.7)	5.976	3236141	19.514 ug/ml
4) T n-Dodecane (C12)	6.410	2966715	19.510 ug/ml
5) T A~2-methylnaphthalene...	7.032	3212497	19.529 ug/ml
6) T n-Tetradecane (C14)	8.210	2983504	19.569 ug/ml
7) T n-Hexadecane (C16)	9.812	3039357	19.656 ug/ml
8) T n-Octadecane (C18)	11.255	3116228	19.767 ug/ml
10) T n-Eicosane (C20)	12.565	3142654	19.721 ug/ml
11) T n-Heneicosane (C21)	13.177	3159847	19.695 ug/ml
13) T n-Docosane (C22)	13.764	3162219	19.682 ug/ml
14) T n-Tetracosane (C24)	14.867	3139307	19.597 ug/ml
15) T n-Hexacosane (C26)	15.889	3092586	19.508 ug/ml
16) T n-Octacosane (C28)	16.837	3011501	19.429 ug/ml
17) T n-Tricontane (C30)	17.724	2984876	19.396 ug/ml
18) T n-Dotriacontane (C32)	18.558	2940602	19.448 ug/ml
19) T n-Tetratriacontane (C34)	19.341	2740510	19.328 ug/ml
20) T n-Hexatriacontane (C36)	20.081	2646591	19.170 ug/ml
21) T n-Octatriacontane (C38)	20.815	2480423	19.153 ug/ml
22) T n-Tetracontane (C40)	21.724	2305206	18.863 ug/ml

(f)=RT Delta > 1/2 Window

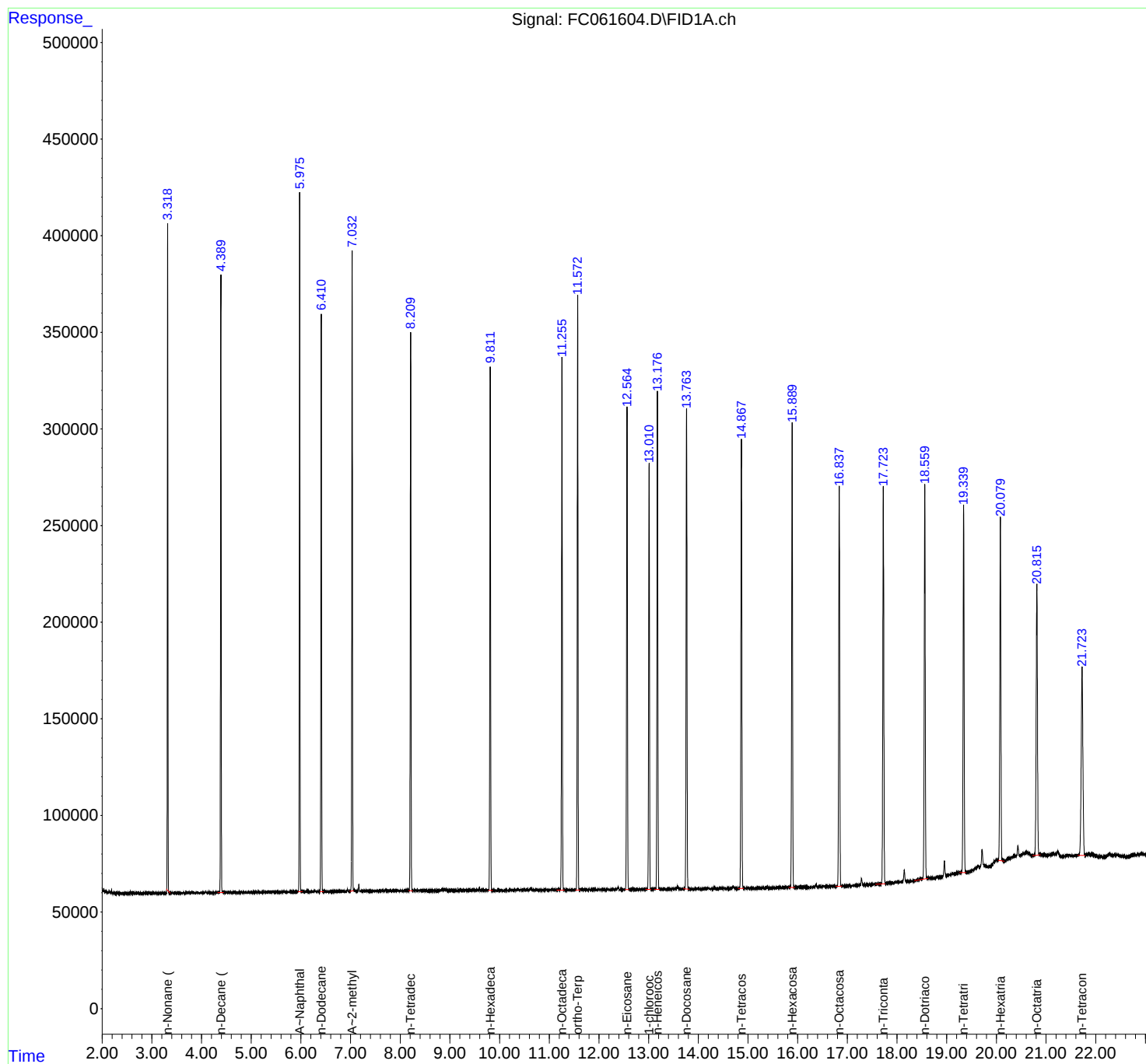
(m)=manual int.

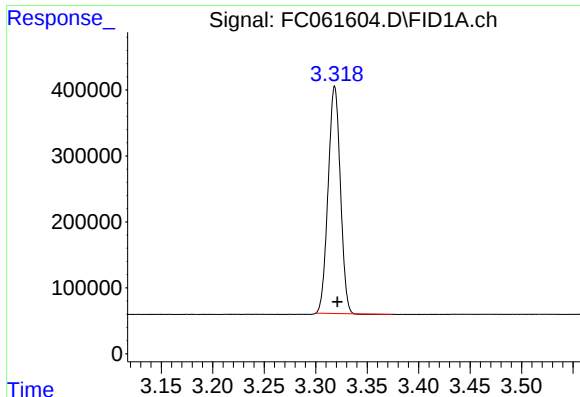
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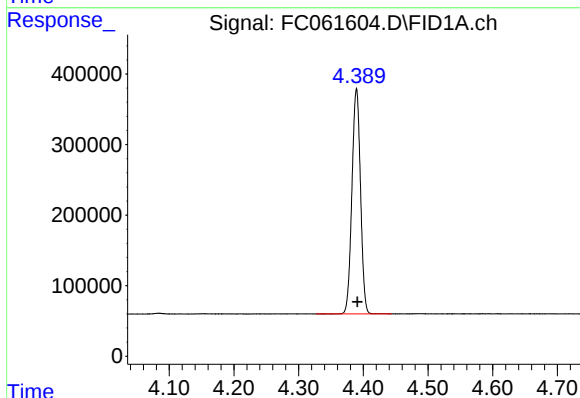




#1 n-Nonane (C9)

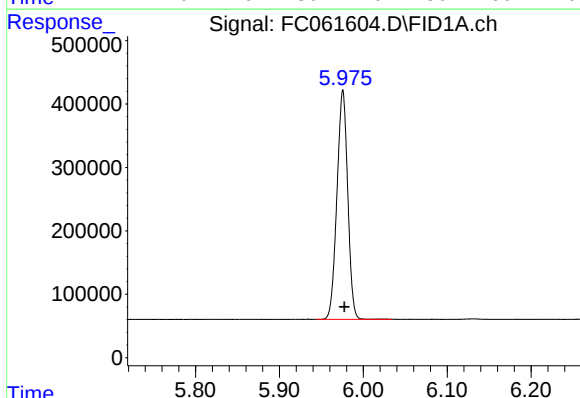
R.T.: 3.318 min
Delta R.T.: -0.003 min
Response: 2849394
Conc: 19.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



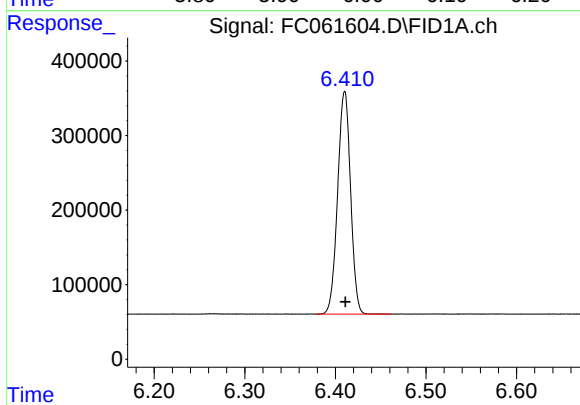
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.002 min
Response: 2930576
Conc: 19.43 ug/ml



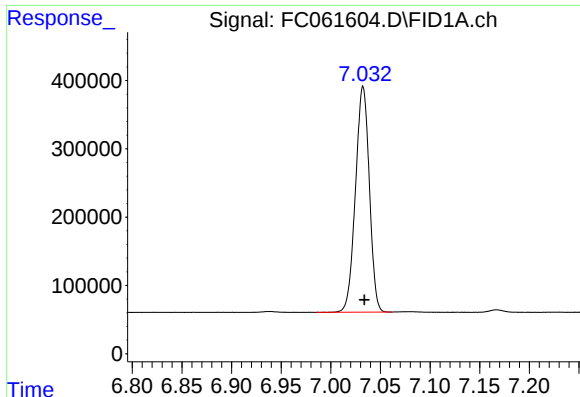
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 3236141
Conc: 19.51 ug/ml



#4 n-Dodecane (C12)

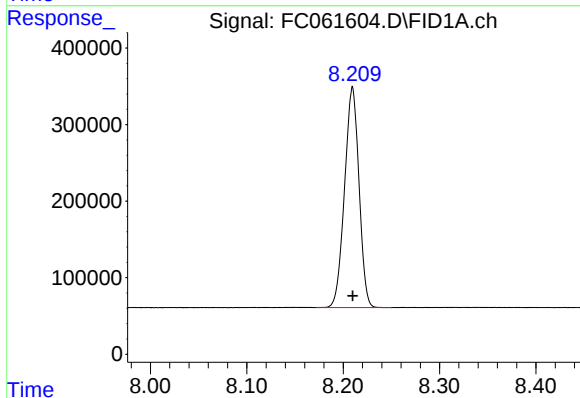
R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 2966715
Conc: 19.51 ug/ml



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

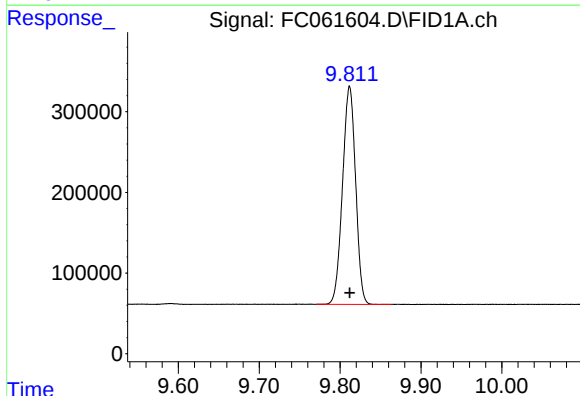
R.T.: 7.032 min
Delta R.T.: -0.001 min
Response: 3212497
Conc: 19.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



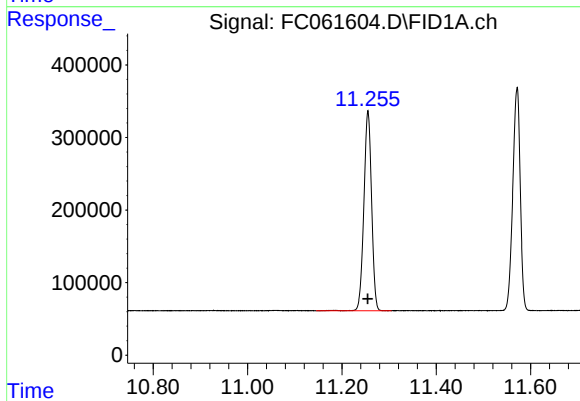
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2983504
Conc: 19.57 ug/ml



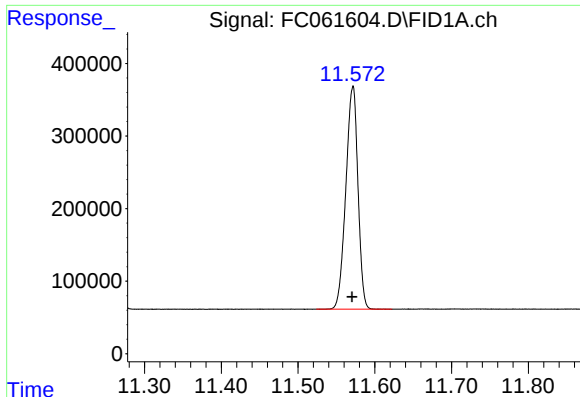
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: 0.000 min
Response: 3039357
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

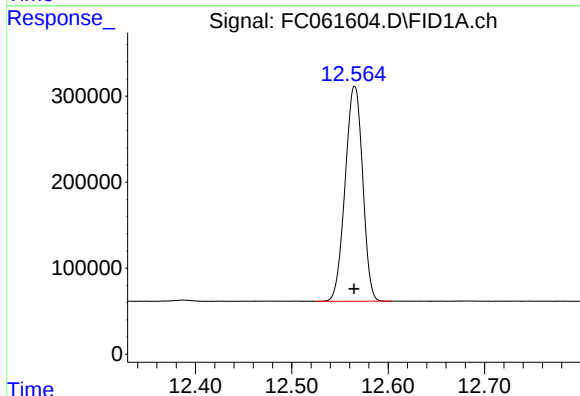
R.T.: 11.255 min
Delta R.T.: 0.000 min
Response: 3116228
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

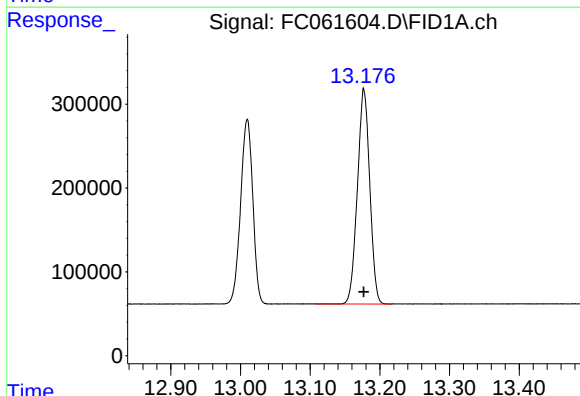
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 3368014
Conc: 19.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



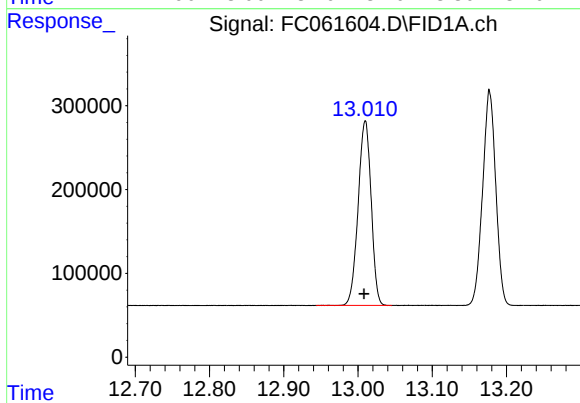
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 3142654
Conc: 19.72 ug/ml



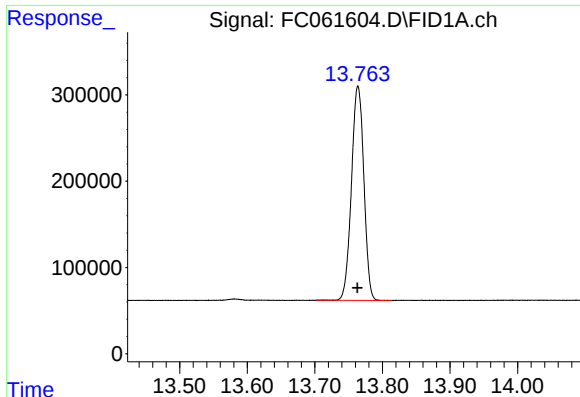
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: 0.000 min
Response: 3159847
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

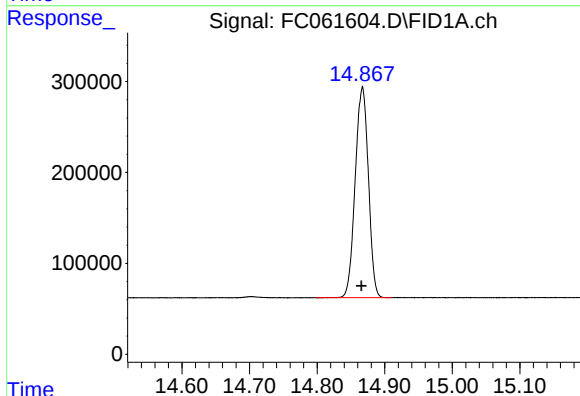
R.T.: 13.010 min
Delta R.T.: 0.001 min
Response: 2685629
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

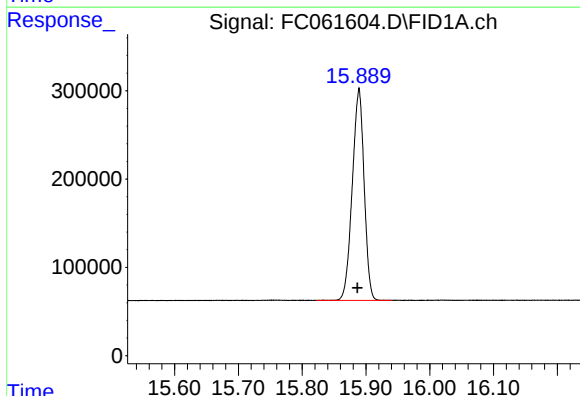
R.T.: 13.764 min
Delta R.T.: 0.000 min
Response: 3162219
Conc: 19.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



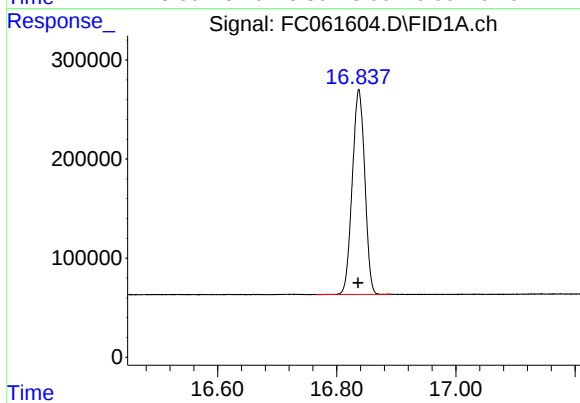
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.001 min
Response: 3139307
Conc: 19.60 ug/ml



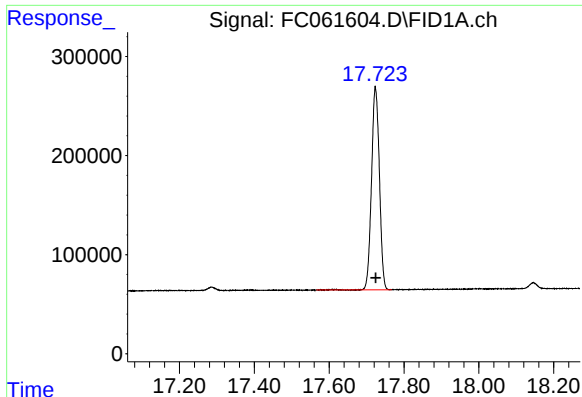
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.002 min
Response: 3092586
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

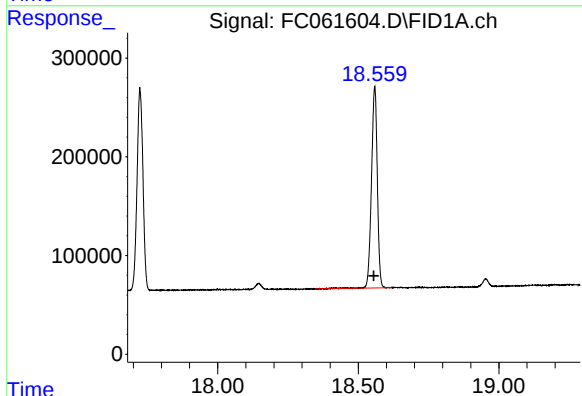
R.T.: 16.837 min
Delta R.T.: 0.000 min
Response: 3011501
Conc: 19.43 ug/ml



#17 n-Tricontane (C30)

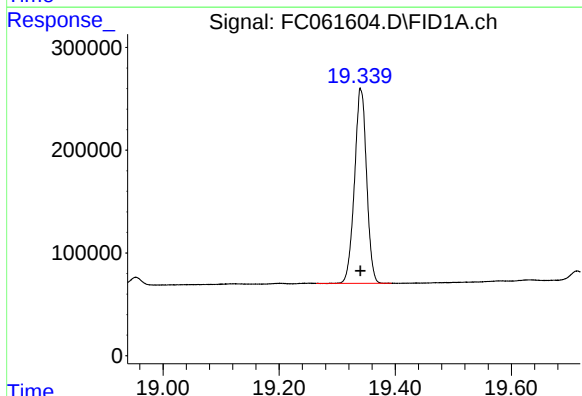
R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 2984876
Conc: 19.40 ug/ml

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FID_C
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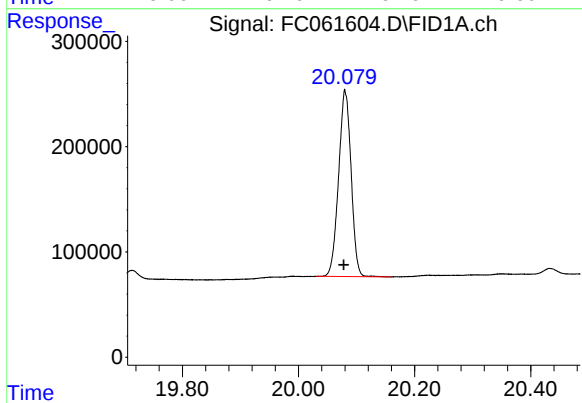
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.003 min
Response: 2940602
Conc: 19.45 ug/ml



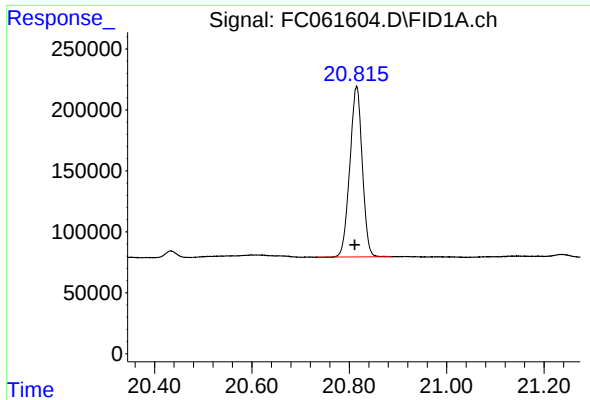
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: 0.000 min
Response: 2740510
Conc: 19.33 ug/ml



#20 n-Hexatriacontane (C36)

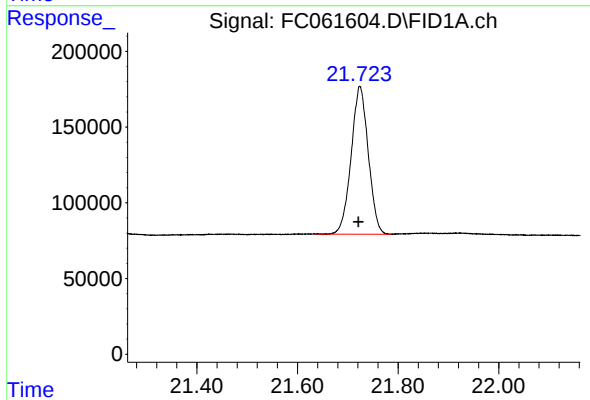
R.T.: 20.081 min
Delta R.T.: 0.002 min
Response: 2646591
Conc: 19.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.004 min
Response: 2480423
Conc: 19.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: 0.003 min
Response: 2305206
Conc: 18.86 ug/ml