

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
 Data File : FC061837.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2022 15:56
 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: Oct 19 06:35:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.585	3210561	21.599 ug/ml
Spiked Amount 50.000		Recovery =	43.20%
12) S 1-chlorooctadecane (S...	13.021	2521872	21.647 ug/ml
Spiked Amount 50.000		Recovery =	43.29%
Target Compounds			
1) T n-Nonane (C9)	3.346	3042614	21.631 ug/ml
2) T n-Decane (C10)	4.412	3080630	21.581 ug/ml
3) T A~Naphthalene (C11.7)	5.996	3337883	21.625 ug/ml
4) T n-Dodecane (C12)	6.428	3119487	21.488 ug/ml
5) T A~2-methylnaphthalene...	7.052	3271425	21.566 ug/ml
6) T n-Tetradecane (C14)	8.225	3116267	21.438 ug/ml
7) T n-Hexadecane (C16)	9.826	3120699	21.430 ug/ml
8) T n-Octadecane (C18)	11.268	3107935	21.502 ug/ml
10) T n-Eicosane (C20)	12.577	3040419	21.542 ug/ml
11) T n-Heneicosane (C21)	13.190	2997461	21.602 ug/ml
13) T n-Docosane (C22)	13.776	2944956	21.482 ug/ml
14) T n-Tetracosane (C24)	14.879	2815018	21.305 ug/ml
15) T n-Hexacosane (C26)	15.900	2682403	21.288 ug/ml
16) T n-Octacosane (C28)	16.851	2539219	21.054 ug/ml
17) T n-Tricontane (C30)	17.738	2535121	21.307 ug/ml
18) T n-Dotriacontane (C32)	18.571	2499728	21.216 ug/ml
19) T n-Tetratriacontane (C34)	19.354	2411717	21.348 ug/ml
20) T n-Hexatriacontane (C36)	20.095	2442098	21.534 ug/ml
21) T n-Octatriacontane (C38)	20.832	2410079	21.419 ug/ml
22) T n-Tetracontane (C40)	21.748	2394583	21.329 ug/ml

(f)=RT Delta > 1/2 Window

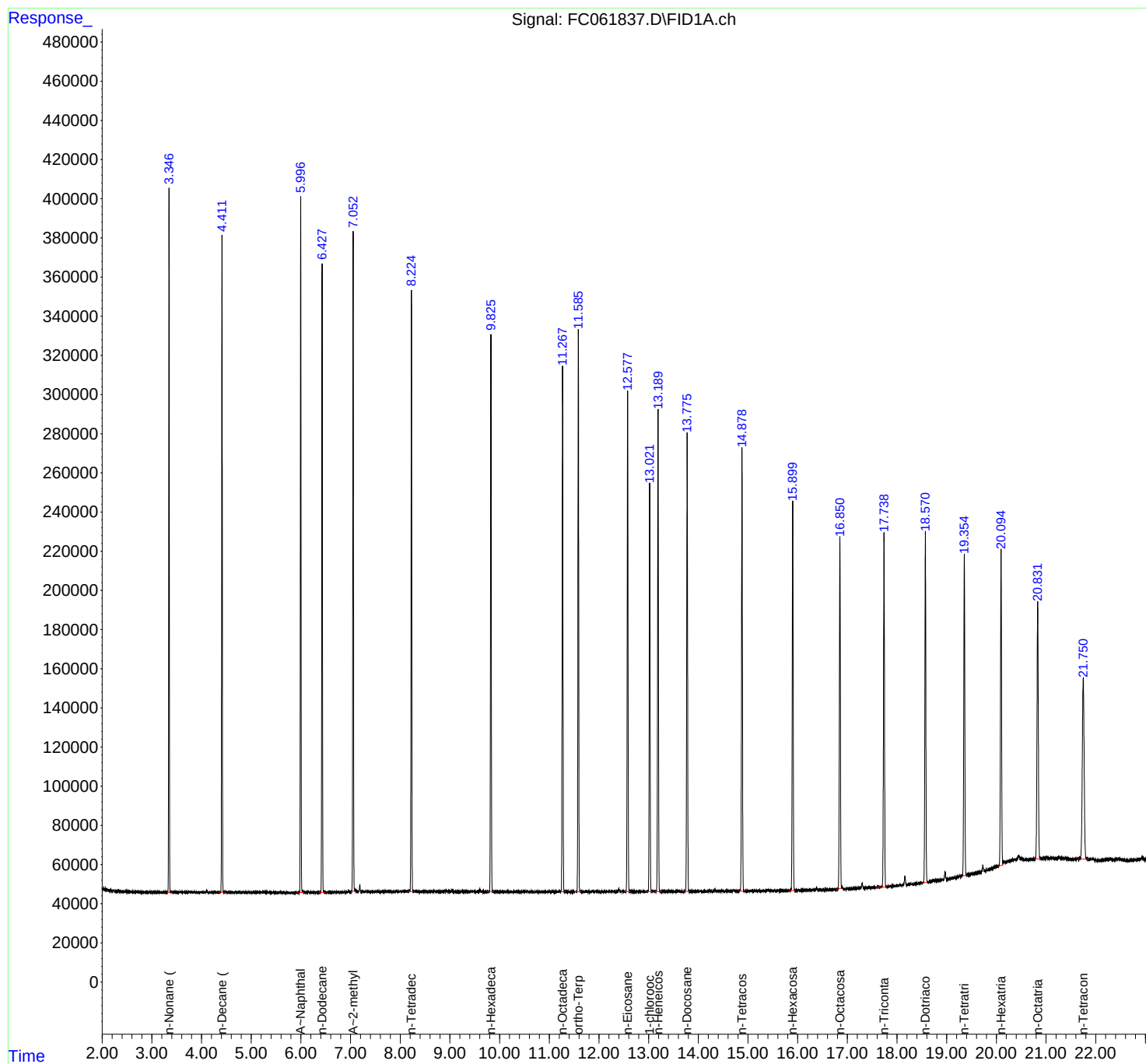
(m)=manual int.

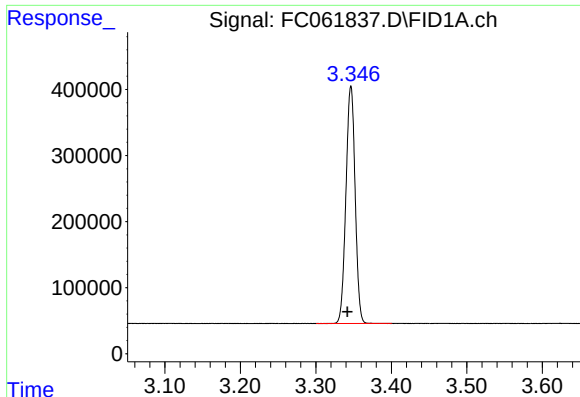
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
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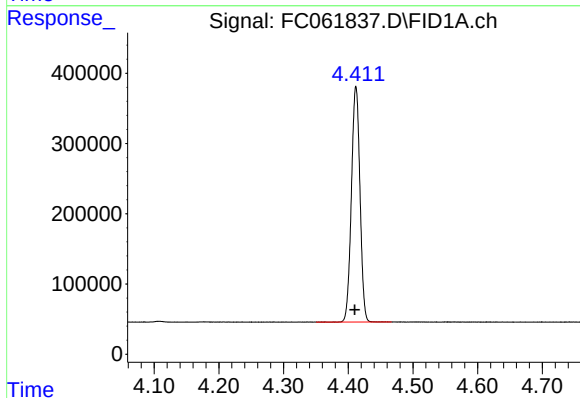




#1 n-Nonane (C9)

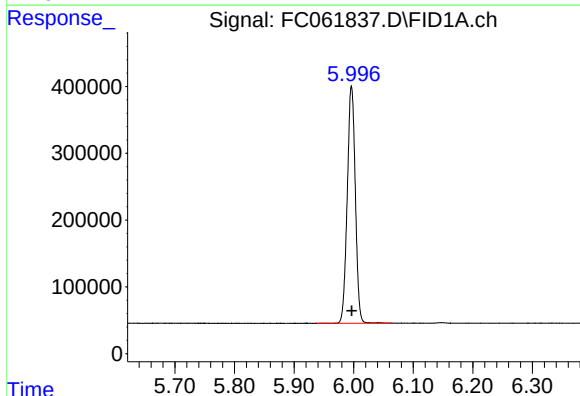
R.T.: 3.346 min
Delta R.T.: 0.004 min
Response: 3042614
Conc: 21.63 ug/ml

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20 PPM ALIPHATIC HC STD



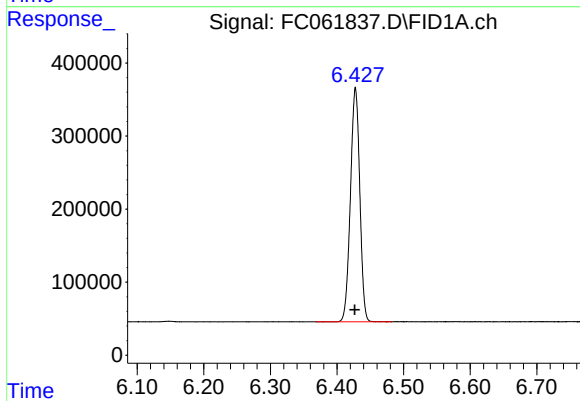
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: 0.002 min
Response: 3080630
Conc: 21.58 ug/ml



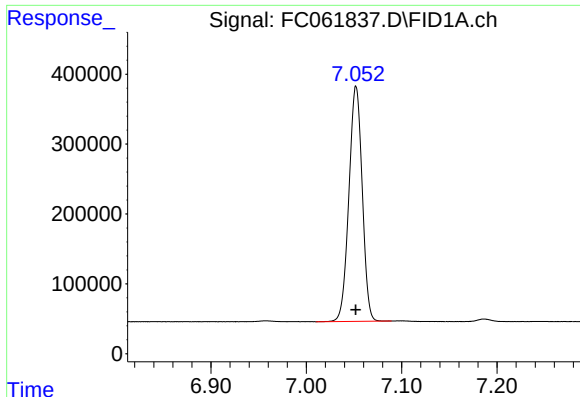
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 3337883
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

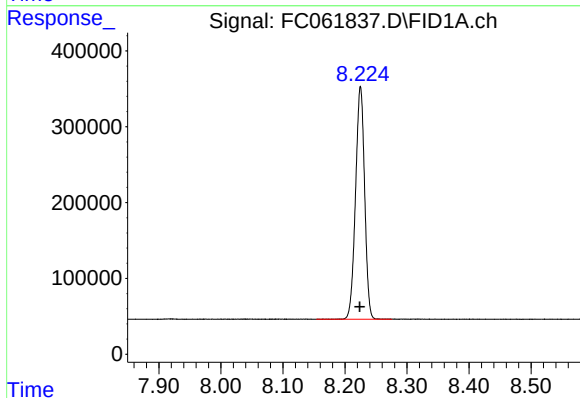
R.T.: 6.428 min
Delta R.T.: 0.001 min
Response: 3119487
Conc: 21.49 ug/ml



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

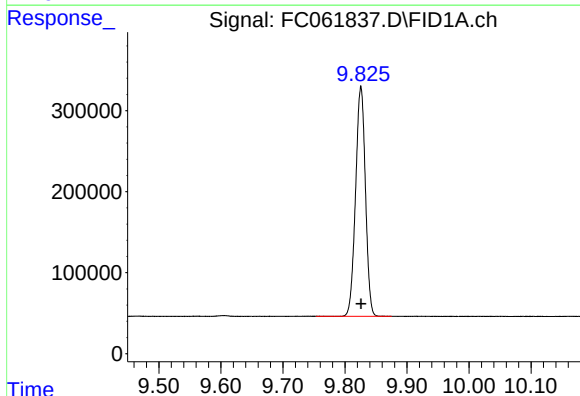
R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 3271425
Conc: 21.57 ug/ml

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20 PPM ALIPHATIC HC STD



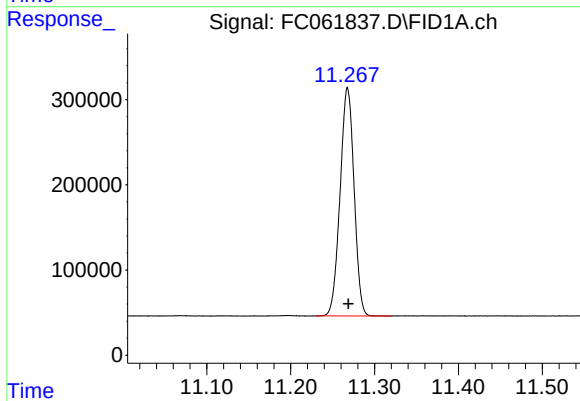
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 3116267
Conc: 21.44 ug/ml



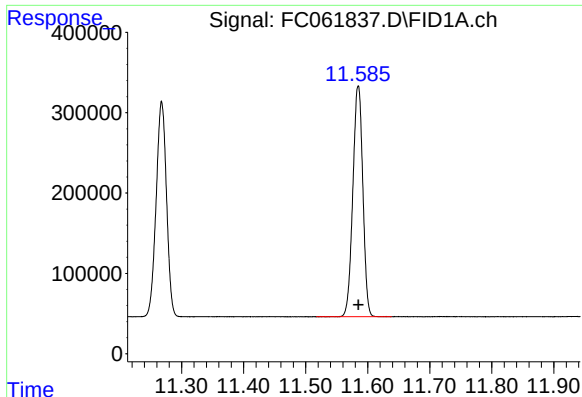
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 3120699
Conc: 21.43 ug/ml



#8 n-Octadecane (C18)

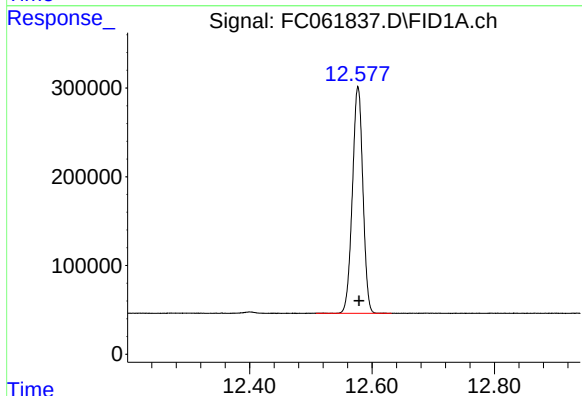
R.T.: 11.268 min
Delta R.T.: 0.000 min
Response: 3107935
Conc: 21.50 ug/ml



#9 ortho-Terphenyl (SURR)

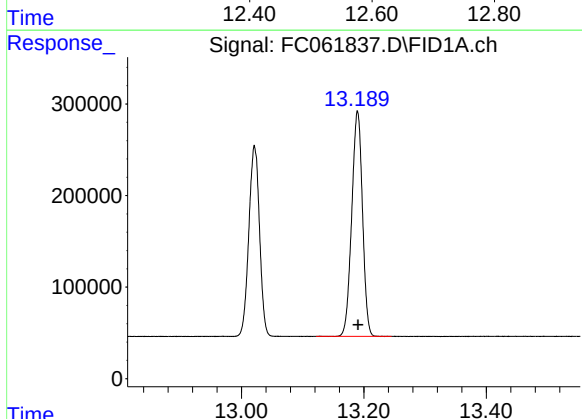
R.T.: 11.585 min
Delta R.T.: 0.000 min
Response: 3210561
Conc: 21.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



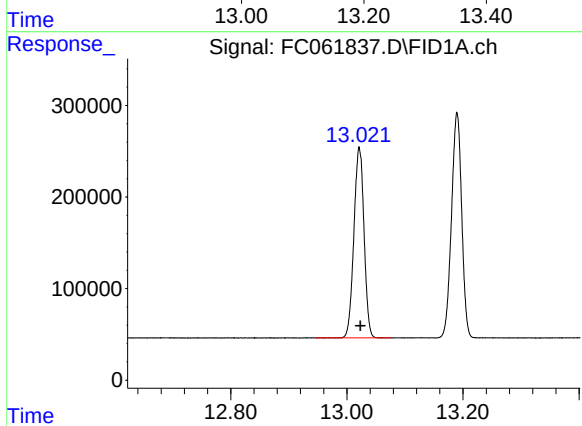
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.002 min
Response: 3040419
Conc: 21.54 ug/ml



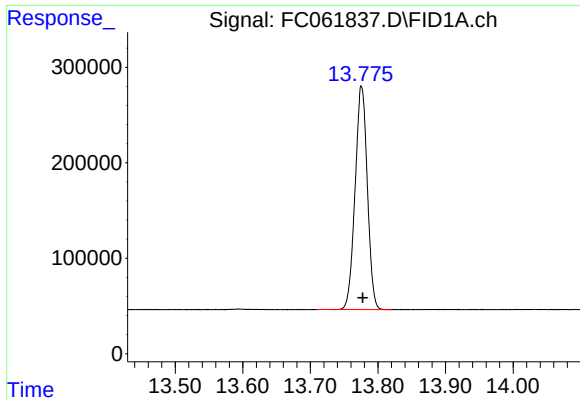
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: -0.001 min
Response: 2997461
Conc: 21.60 ug/ml



#12 1-chlorooctadecane (SURR)

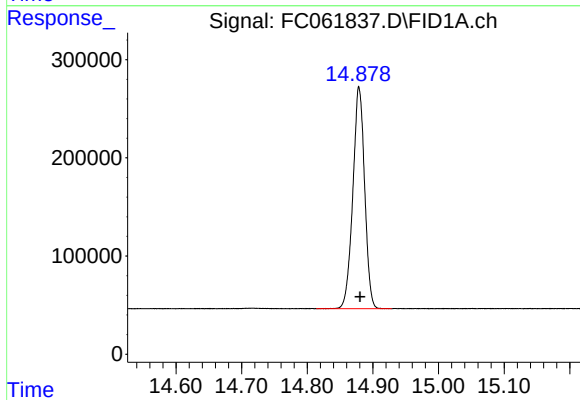
R.T.: 13.021 min
Delta R.T.: -0.002 min
Response: 2521872
Conc: 21.65 ug/ml



#13 n-Docosane (C22)

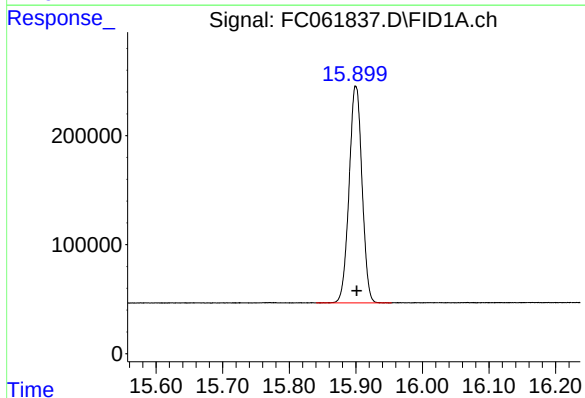
R.T.: 13.776 min
Delta R.T.: -0.002 min
Response: 2944956
Conc: 21.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



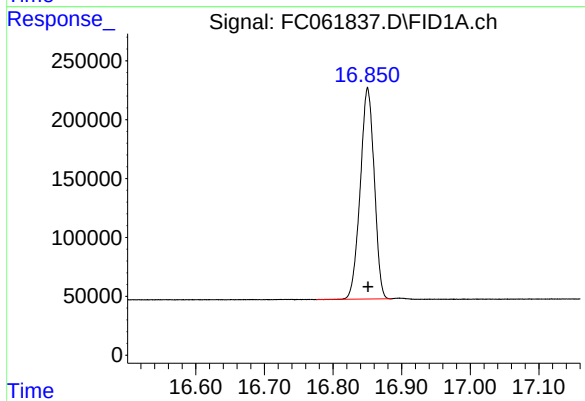
#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: -0.001 min
Response: 2815018
Conc: 21.30 ug/ml



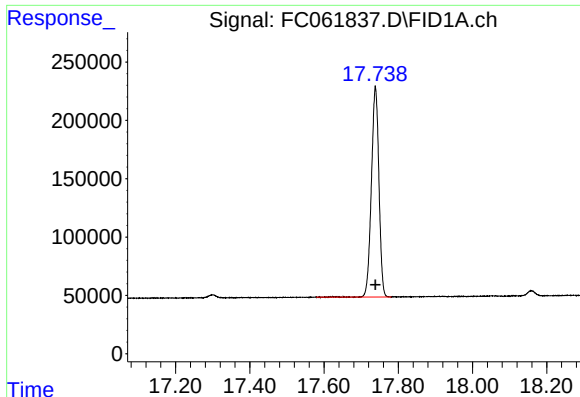
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.001 min
Response: 2682403
Conc: 21.29 ug/ml



#16 n-Octacosane (C28)

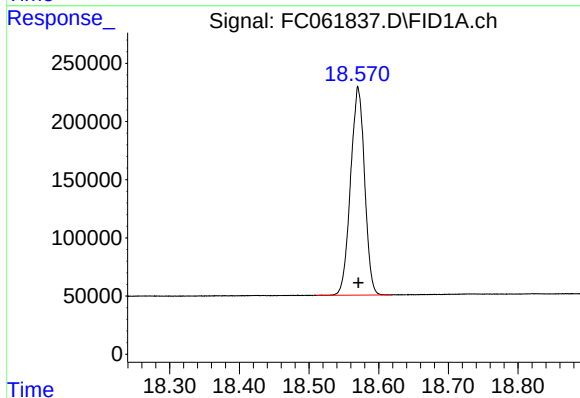
R.T.: 16.851 min
Delta R.T.: 0.000 min
Response: 2539219
Conc: 21.05 ug/ml



#17 n-Tricontane (C30)

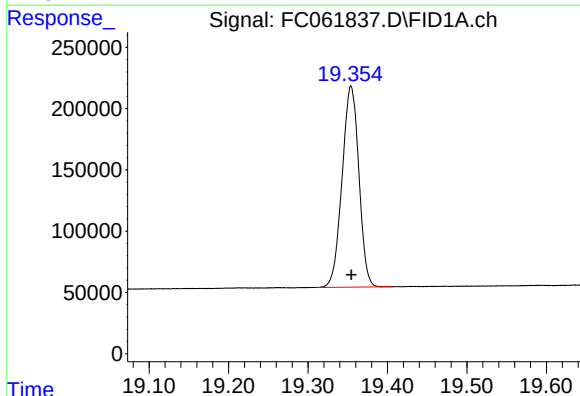
R.T.: 17.738 min
Delta R.T.: 0.000 min
Response: 2535121
Conc: 21.31 ug/ml

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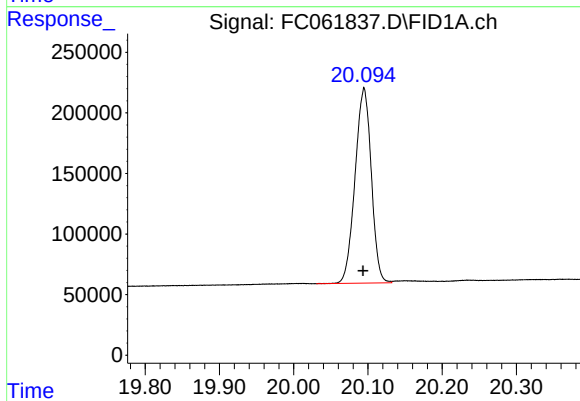
#18 n-Dotriacontane (C32)

R.T.: 18.571 min
Delta R.T.: 0.000 min
Response: 2499728
Conc: 21.22 ug/ml



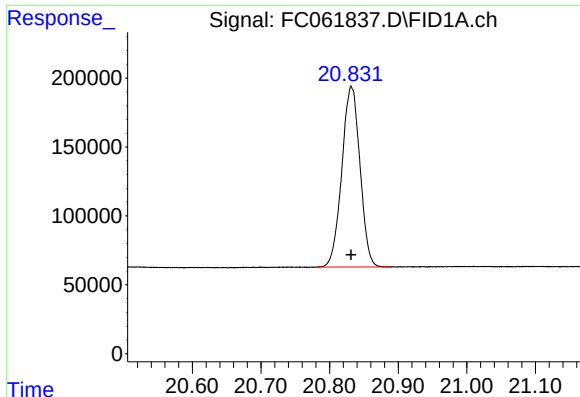
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: 0.000 min
Response: 2411717
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

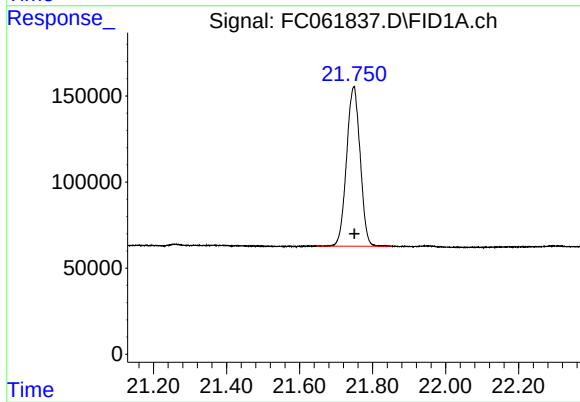
R.T.: 20.095 min
Delta R.T.: 0.000 min
Response: 2442098
Conc: 21.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: 0.000 min
Response: 2410079
Conc: 21.42 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.748 min
Delta R.T.: -0.002 min
Response: 2394583
Conc: 21.33 ug/ml