

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
 Data File : FC062020.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2022 09:28
 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 29 09:57:20 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)	11.586	3024231	20.346 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
12) S 1-chlorooctadecane (S...	13.022	2382647	20.452 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T n-Nonane (C9)	3.351	2870438	20.407 ug/ml
2) T n-Decane (C10)	4.417	2943128	20.618 ug/ml
3) T A~Naphthalene (C11.7)	6.002	3124329	20.241 ug/ml
4) T n-Dodecane (C12)	6.432	2989509	20.593 ug/ml
5) T A~2-methylnaphthalene...	7.057	3076153	20.278 ug/ml
6) T n-Tetradecane (C14)	8.228	2993121	20.591 ug/ml
7) T n-Hexadecane (C16)	9.827	3009410	20.666 ug/ml
8) T n-Octadecane (C18)	11.269	2985579	20.656 ug/ml
10) T n-Eicosane (C20)	12.577	2903459	20.572 ug/ml
11) T n-Heneicosane (C21)	13.189	2852662	20.559 ug/ml
13) T n-Docosane (C22)	13.774	2796365	20.398 ug/ml
14) T n-Tetracosane (C24)	14.876	2678145	20.269 ug/ml
15) T n-Hexacosane (C26)	15.897	2581438	20.487 ug/ml
16) T n-Octacosane (C28)	16.845	2547244	21.120 ug/ml
17) T n-Tricontane (C30)	17.732	2691818	22.624 ug/ml
18) T n-Dotriacontane (C32)	18.564	2749922	23.340 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2620624	23.197 ug/ml
20) T n-Hexatriacontane (C36)	20.086	2568056	22.644 ug/ml
21) T n-Octatriacontane (C38)	20.821	2509138	22.300 ug/ml
22) T n-Tetracontane (C40)	21.732	2393982	21.324 ug/ml

(f)=RT Delta > 1/2 Window

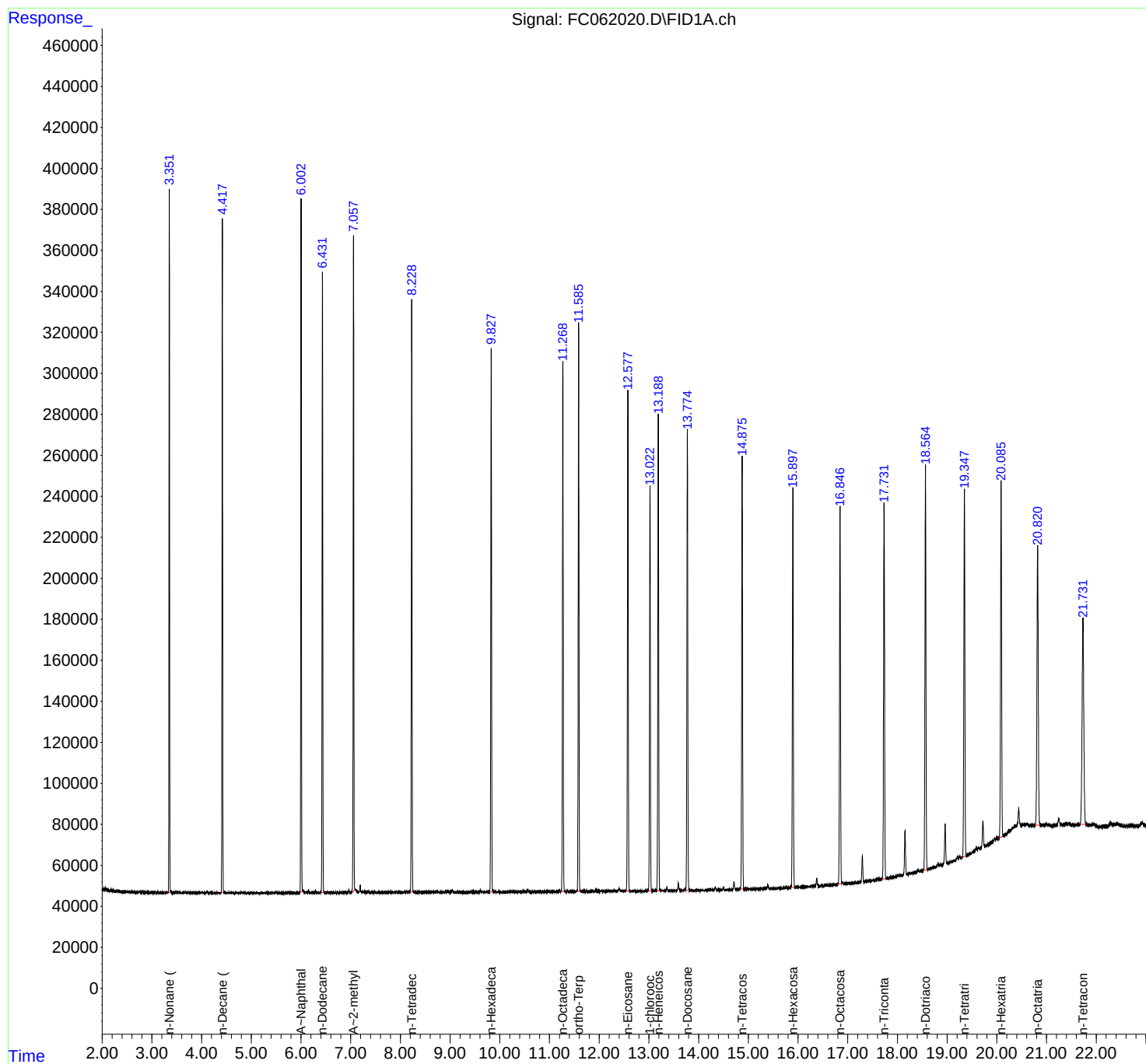
(m)=manual int.

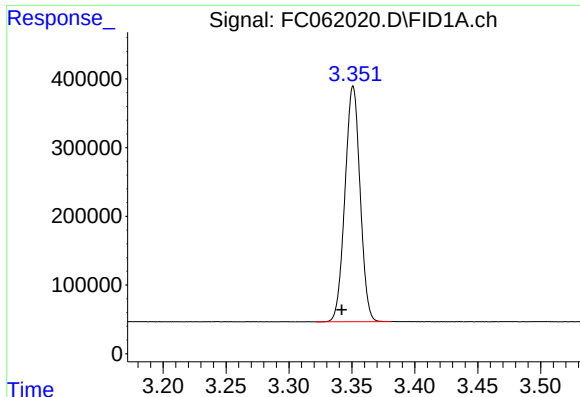
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
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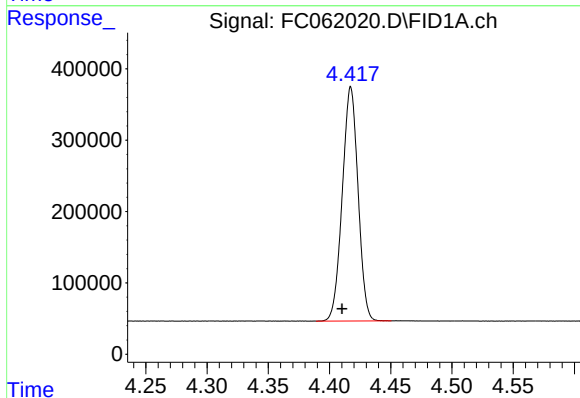




#1 n-Nonane (C9)

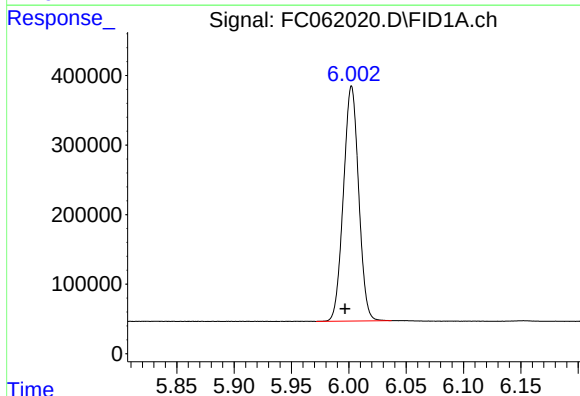
R.T.: 3.351 min
Delta R.T.: 0.009 min
Response: 2870438
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



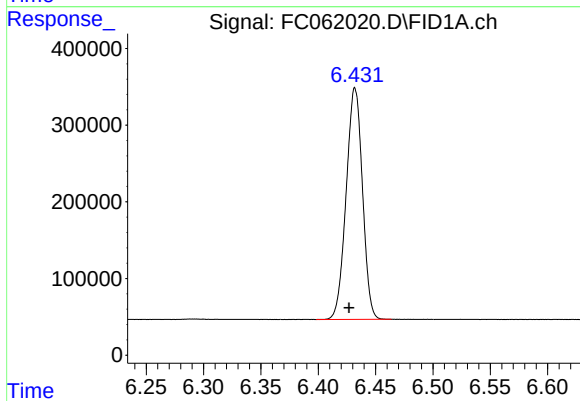
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: 0.007 min
Response: 2943128
Conc: 20.62 ug/ml



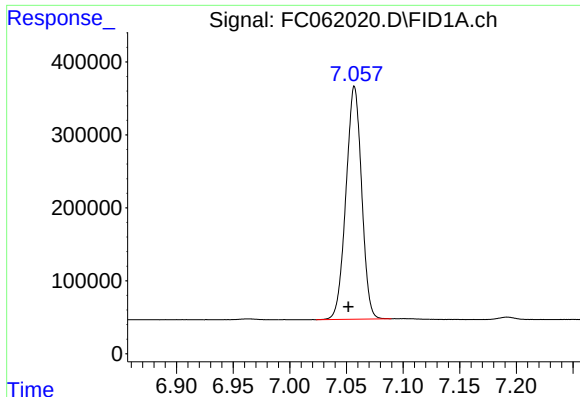
#3 A~Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: 0.006 min
Response: 3124329
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

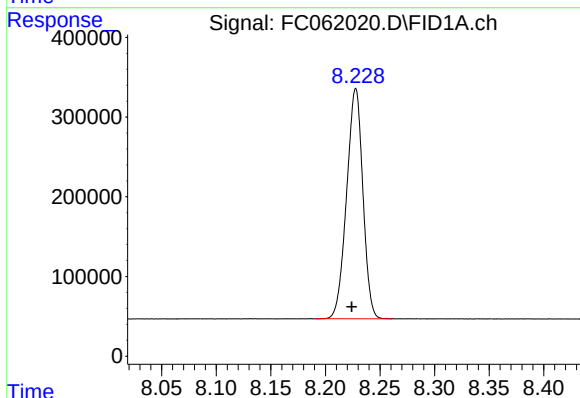
R.T.: 6.432 min
Delta R.T.: 0.005 min
Response: 2989509
Conc: 20.59 ug/ml



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

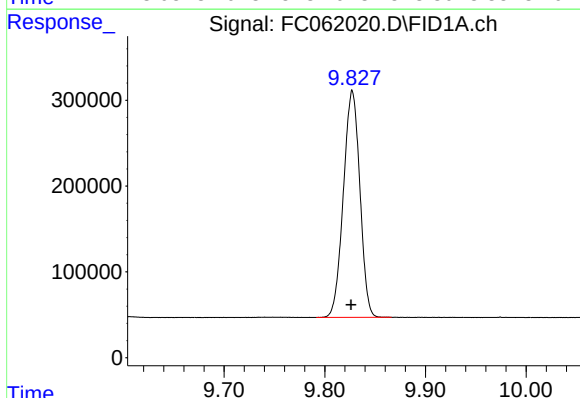
R.T.: 7.057 min
Delta R.T.: 0.005 min
Response: 3076153
Conc: 20.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



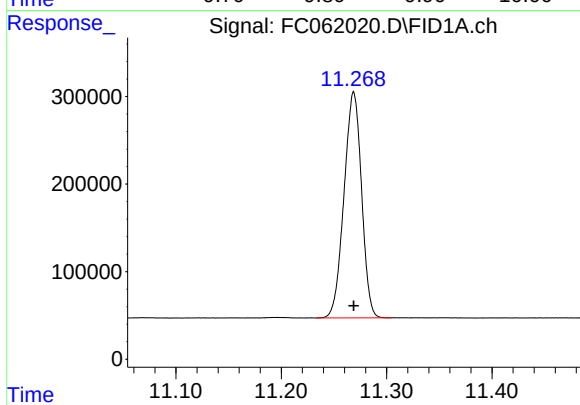
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.004 min
Response: 2993121
Conc: 20.59 ug/ml



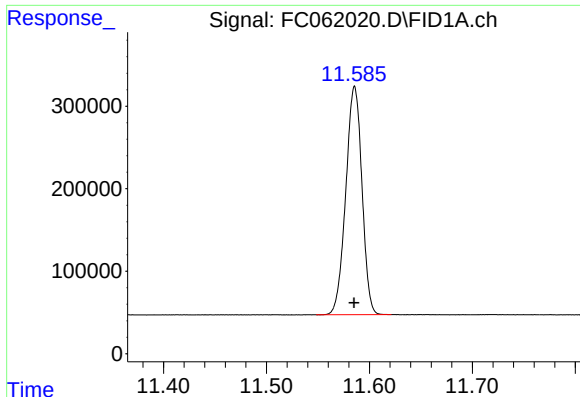
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.001 min
Response: 3009410
Conc: 20.67 ug/ml



#8 n-Octadecane (C18)

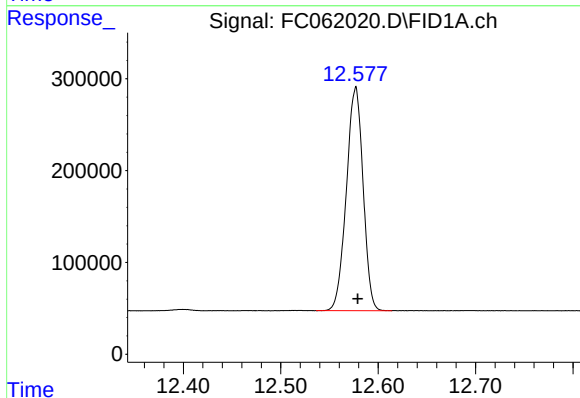
R.T.: 11.269 min
Delta R.T.: 0.000 min
Response: 2985579
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

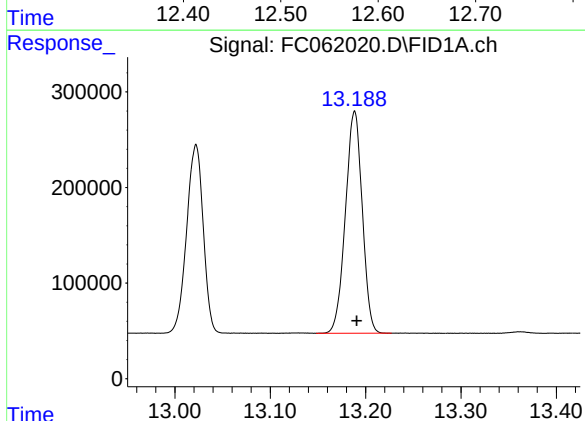
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 3024231
Conc: 20.35 ug/ml

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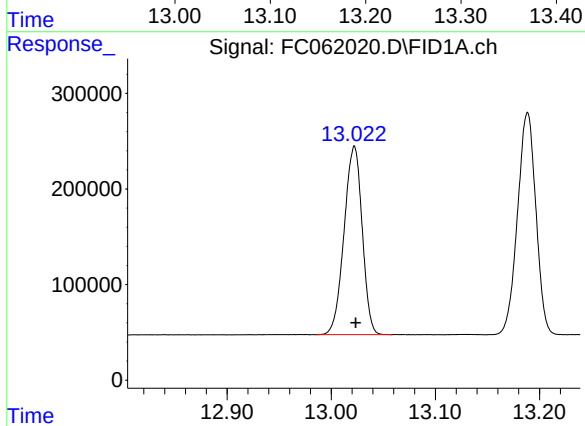
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.002 min
Response: 2903459
Conc: 20.57 ug/ml



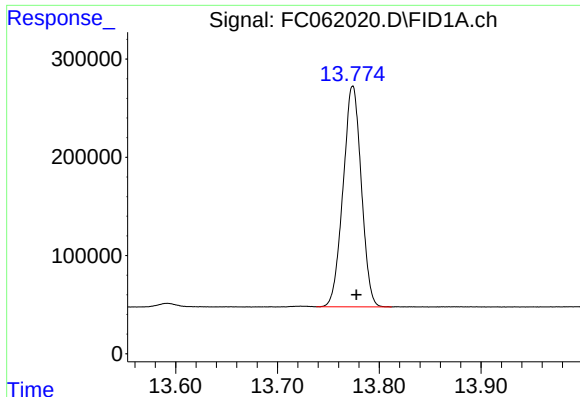
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 2852662
Conc: 20.56 ug/ml



#12 1-chlorooctadecane (SURR)

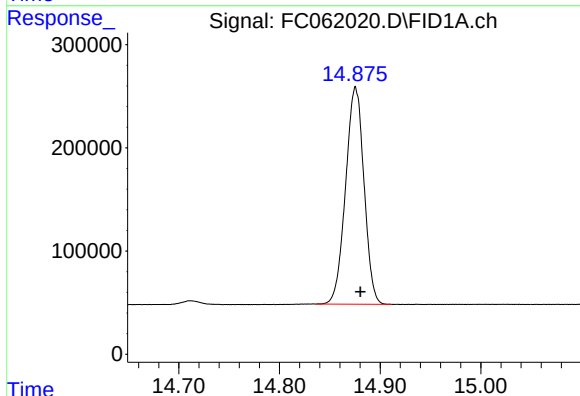
R.T.: 13.022 min
Delta R.T.: -0.001 min
Response: 2382647
Conc: 20.45 ug/ml



#13 n-Docosane (C22)

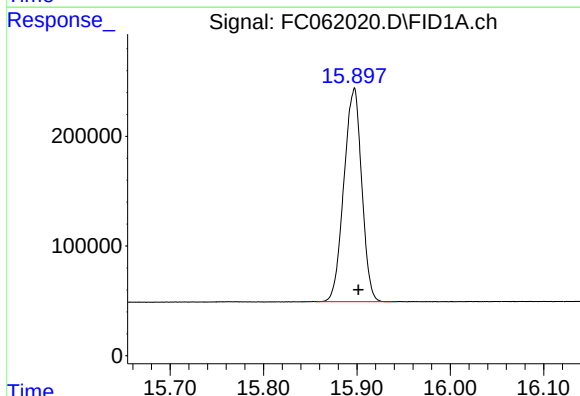
R.T.: 13.774 min
Delta R.T.: -0.004 min
Response: 2796365
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



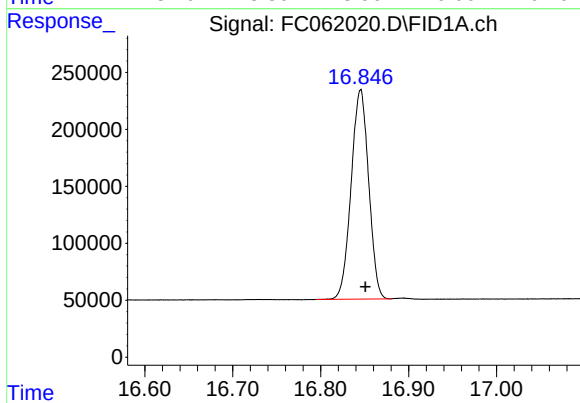
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.005 min
Response: 2678145
Conc: 20.27 ug/ml



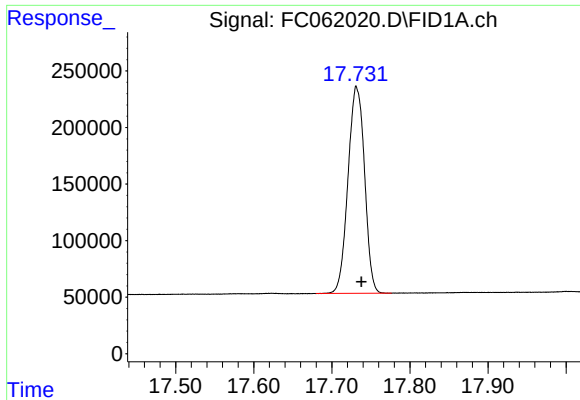
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.004 min
Response: 2581438
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

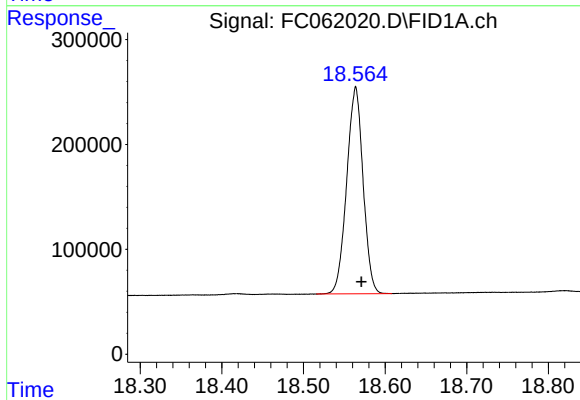
R.T.: 16.845 min
Delta R.T.: -0.006 min
Response: 2547244
Conc: 21.12 ug/ml



#17 n-Tricontane (C30)

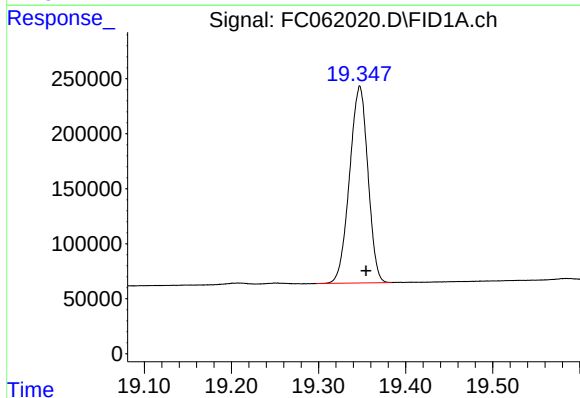
R.T.: 17.732 min
Delta R.T.: -0.006 min
Response: 2691818
Conc: 22.62 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



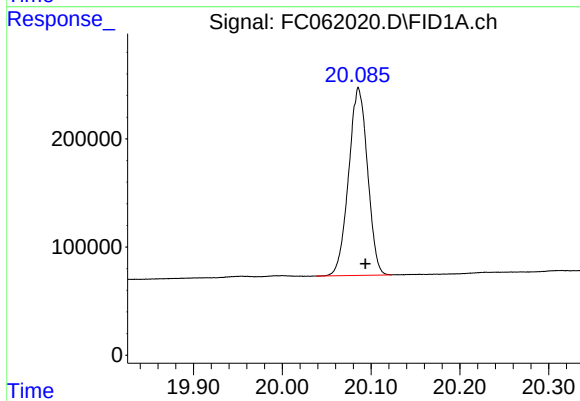
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.007 min
Response: 2749922
Conc: 23.34 ug/ml



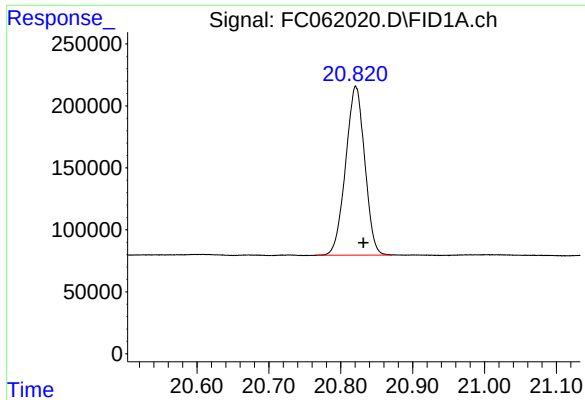
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.007 min
Response: 2620624
Conc: 23.20 ug/ml



#20 n-Hexatriacontane (C36)

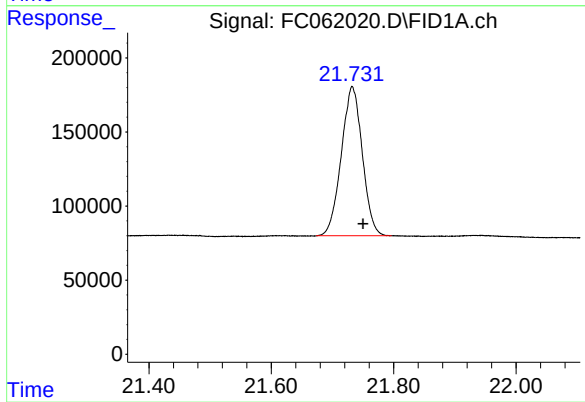
R.T.: 20.086 min
Delta R.T.: -0.008 min
Response: 2568056
Conc: 22.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: -0.011 min
Response: 2509138
Conc: 22.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: -0.018 min
Response: 2393982
Conc: 21.32 ug/ml