

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112122AL\
 Data File : FC062240.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2022 10:36
 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: Nov 22 11:03:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 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)	11.603	2724061	19.957 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	13.040	2072643	20.390 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.360	2780334	19.976 ug/ml
2) T n-Decane (C10)	4.428	2733533	20.204 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2931802	20.012 ug/ml
4) T n-Dodecane (C12)	6.449	2695685	20.178 ug/ml
5) T A~2-methylnaphthalene...	7.074	2672850	19.932 ug/ml
6) T n-Tetradecane (C14)	8.244	2640540	20.228 ug/ml
7) T n-Hexadecane (C16)	9.846	2640977	20.370 ug/ml
8) T n-Octadecane (C18)	11.286	2586380	20.255 ug/ml
10) T n-Eicosane (C20)	12.595	2456732	20.211 ug/ml
11) T n-Heneicosane (C21)	13.208	2430847	20.169 ug/ml
13) T n-Docosane (C22)	13.795	2387203	20.250 ug/ml
14) T n-Tetracosane (C24)	14.897	2348325	20.408 ug/ml
15) T n-Hexacosane (C26)	15.917	2320894	20.830 ug/ml
16) T n-Octacosane (C28)	16.868	2358315	21.509 ug/ml
17) T n-Tricontane (C30)	17.755	2513713	22.954 ug/ml
18) T n-Dotriacontane (C32)	18.589	2588320	23.435 ug/ml
19) T n-Tetratriacontane (C34)	19.371	2482019	22.701 ug/ml
20) T n-Hexatriacontane (C36)	20.109	2286920	21.821 ug/ml
21) T n-Octatriacontane (C38)	20.856	2226457	21.512 ug/ml
22) T n-Tetracontane (C40)	21.784	2179648	21.233 ug/ml

(f)=RT Delta > 1/2 Window

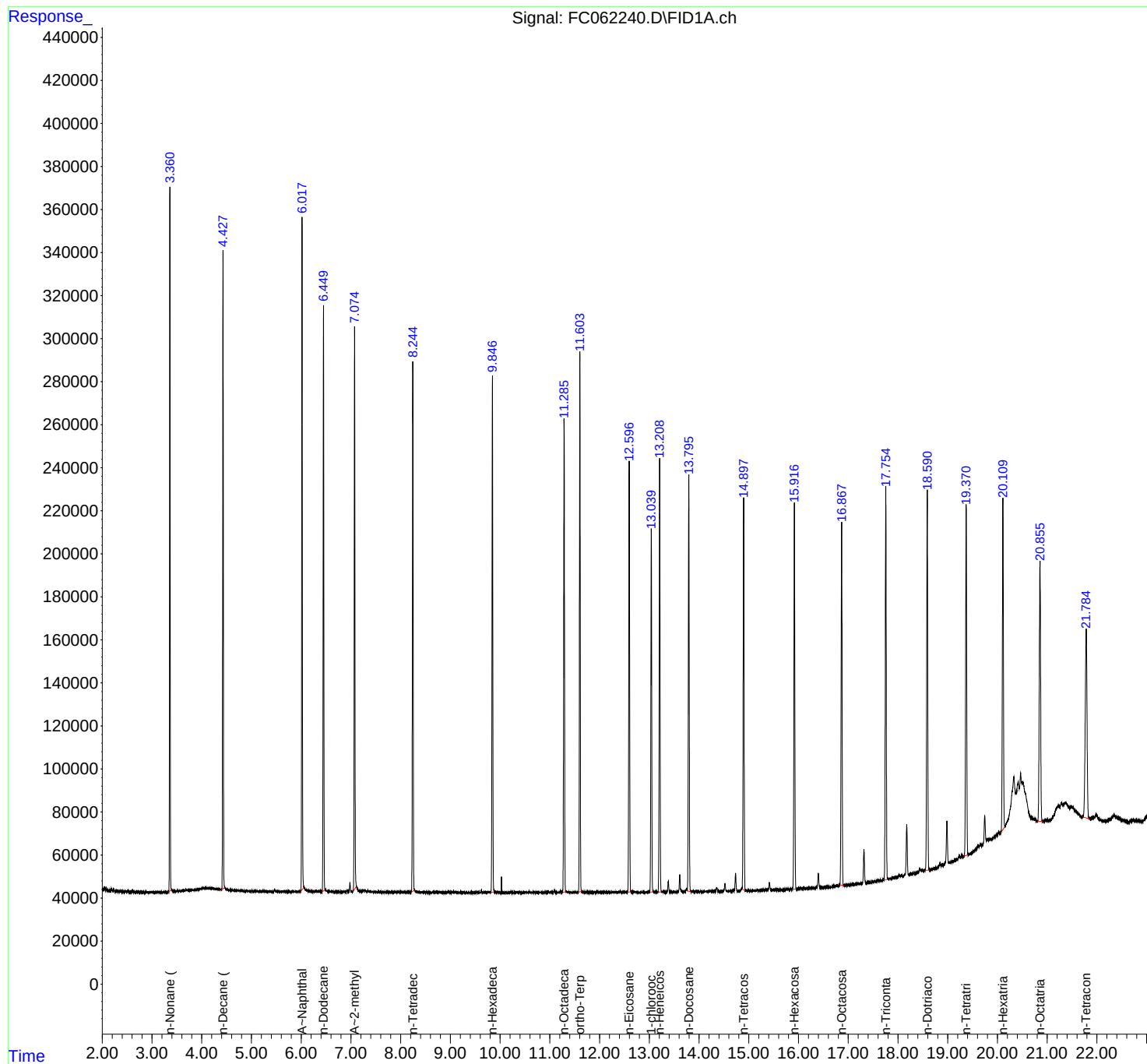
(m)=manual int.

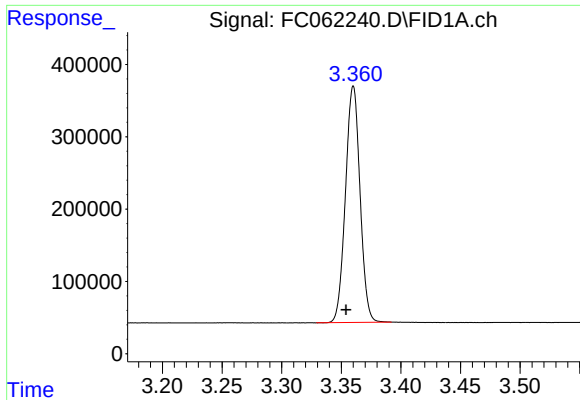
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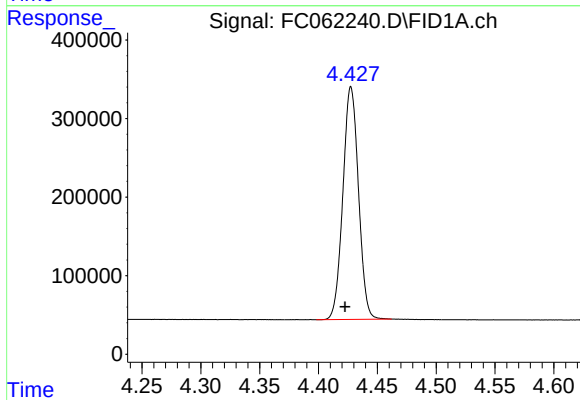




#1 n-Nonane (C9)

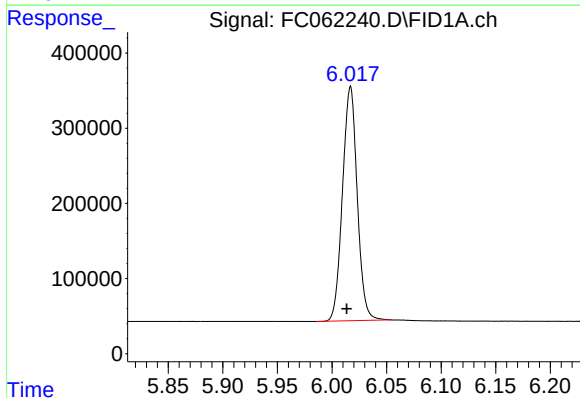
R.T.: 3.360 min
Delta R.T.: 0.006 min
Response: 2780334
Conc: 19.98 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



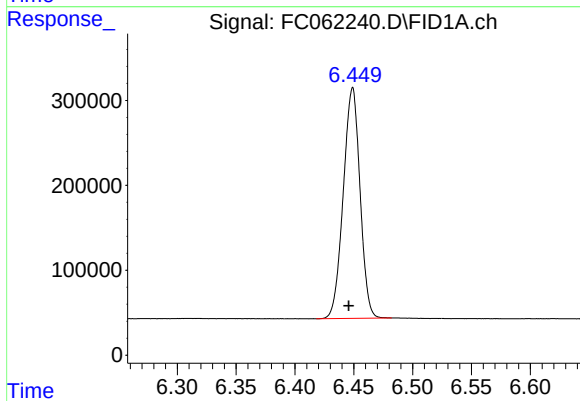
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.005 min
Response: 2733533
Conc: 20.20 ug/ml



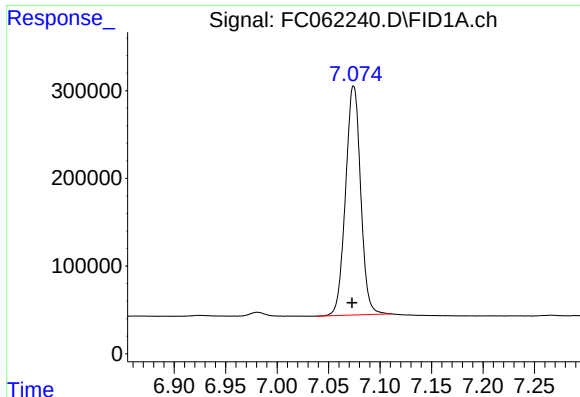
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 2931802
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

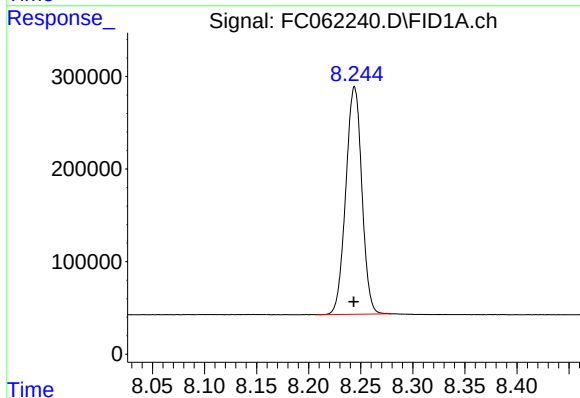
R.T.: 6.449 min
Delta R.T.: 0.003 min
Response: 2695685
Conc: 20.18 ug/ml



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

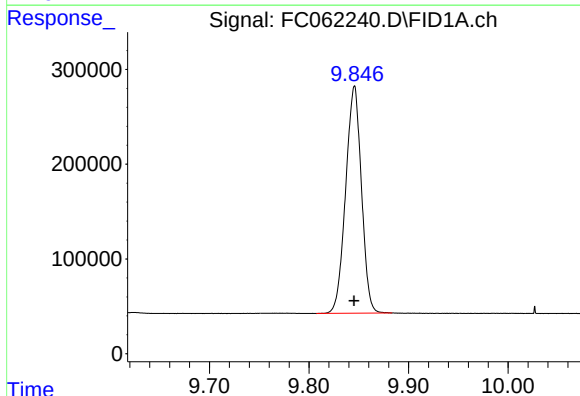
R.T.: 7.074 min
Delta R.T.: 0.002 min
Response: 2672850
Conc: 19.93 ug/ml

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20 PPM ALIPHATIC HC STD



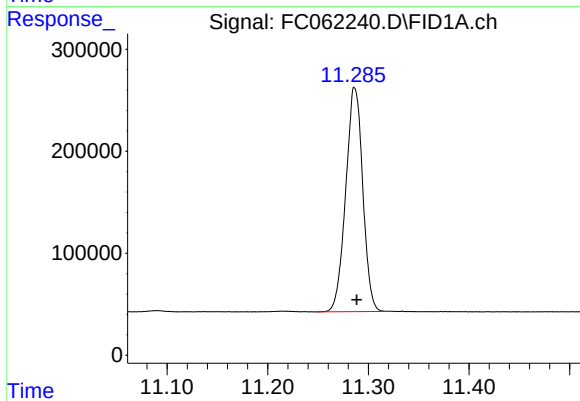
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 2640540
Conc: 20.23 ug/ml



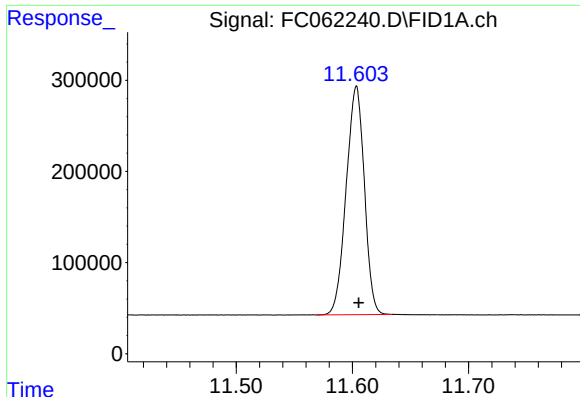
#7 n-Hexadecane (C16)

R.T.: 9.846 min
Delta R.T.: 0.000 min
Response: 2640977
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

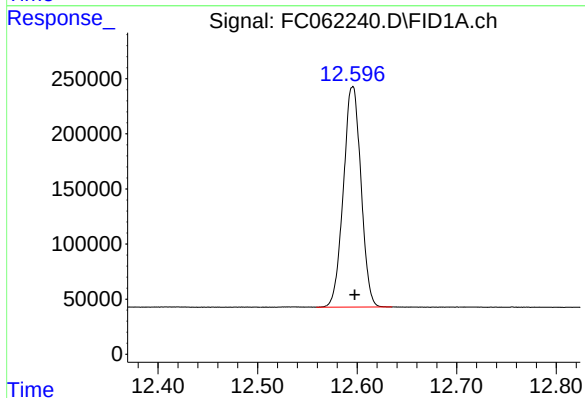
R.T.: 11.286 min
Delta R.T.: -0.002 min
Response: 2586380
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

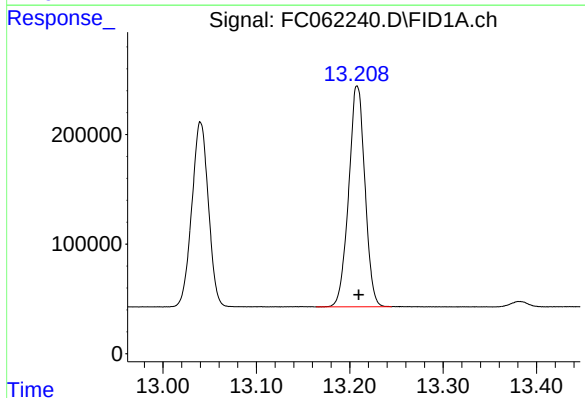
R.T.: 11.603 min
Delta R.T.: -0.002 min
Response: 2724061
Conc: 19.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



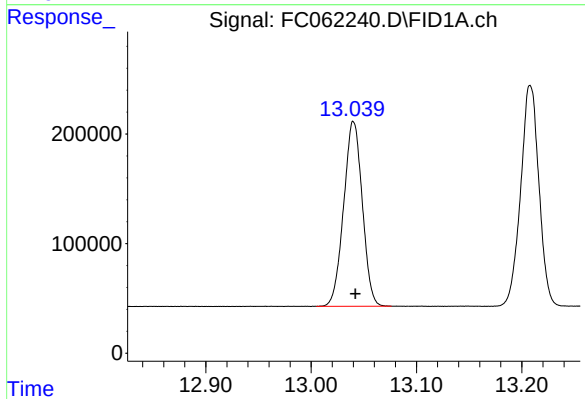
#10 n-Eicosane (C20)

R.T.: 12.595 min
Delta R.T.: -0.002 min
Response: 2456732
Conc: 20.21 ug/ml



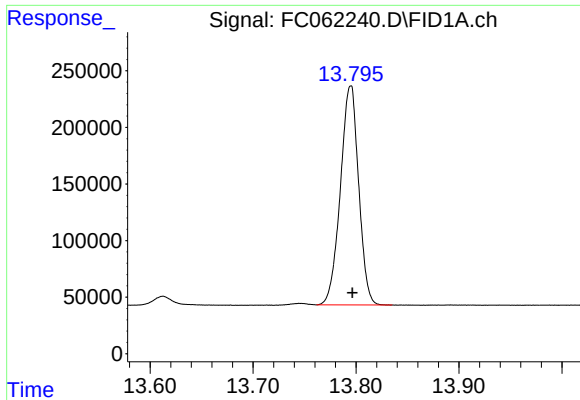
#11 n-Heneicosane (C21)

R.T.: 13.208 min
Delta R.T.: -0.002 min
Response: 2430847
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

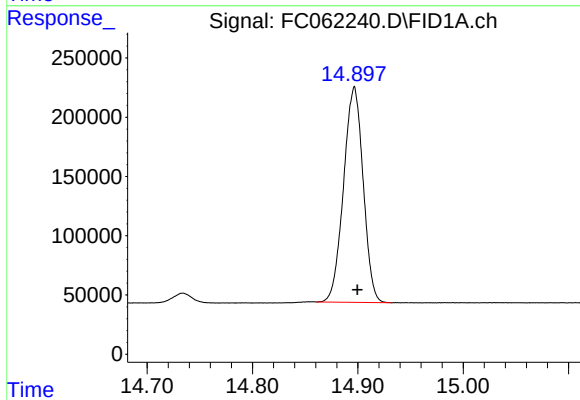
R.T.: 13.040 min
Delta R.T.: -0.002 min
Response: 2072643
Conc: 20.39 ug/ml



#13 n-Docosane (C22)

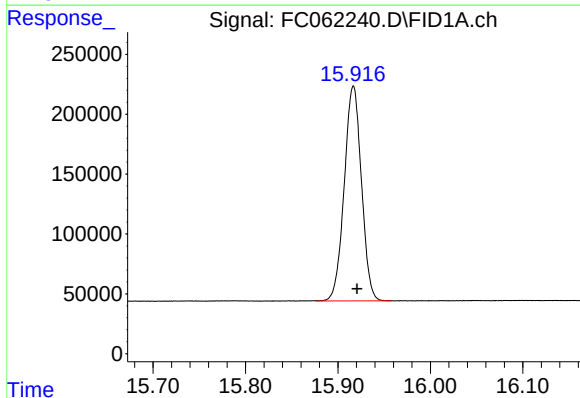
R.T.: 13.795 min
Delta R.T.: -0.002 min
Response: 2387203
Conc: 20.25 ug/ml

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20 PPM ALIPHATIC HC STD



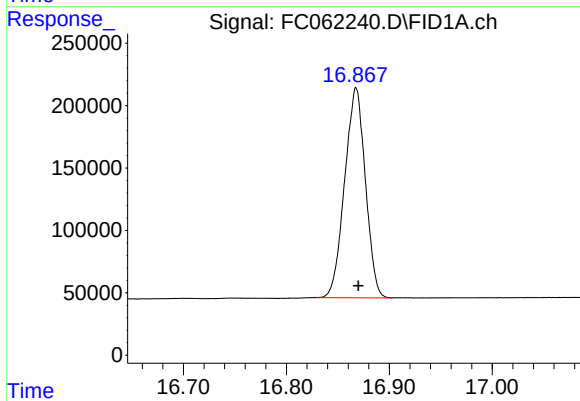
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.003 min
Response: 2348325
Conc: 20.41 ug/ml



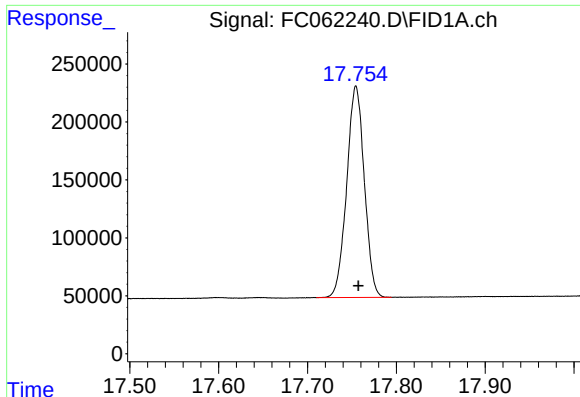
#15 n-Hexacosane (C26)

R.T.: 15.917 min
Delta R.T.: -0.004 min
Response: 2320894
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

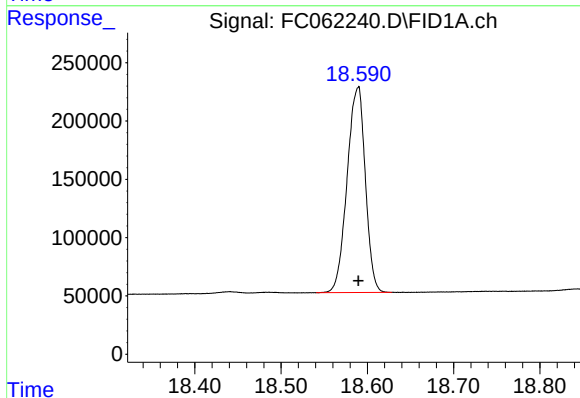
R.T.: 16.868 min
Delta R.T.: -0.002 min
Response: 2358315
Conc: 21.51 ug/ml



#17 n-Tricontane (C30)

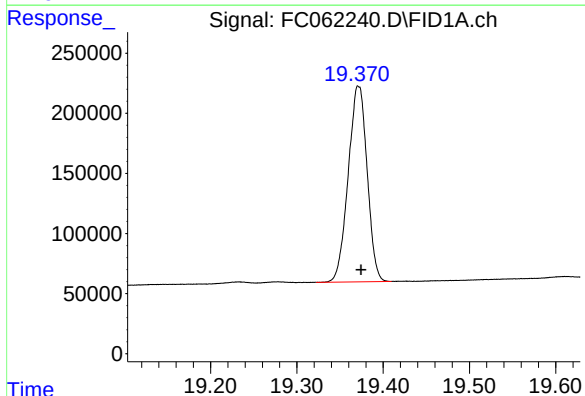
R.T.: 17.755 min
Delta R.T.: -0.003 min
Response: 2513713
Conc: 22.95 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



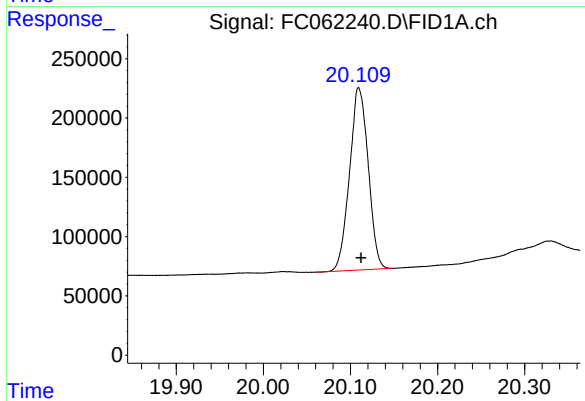
#18 n-Dotriacontane (C32)

R.T.: 18.589 min
Delta R.T.: 0.000 min
Response: 2588320
Conc: 23.43 ug/ml



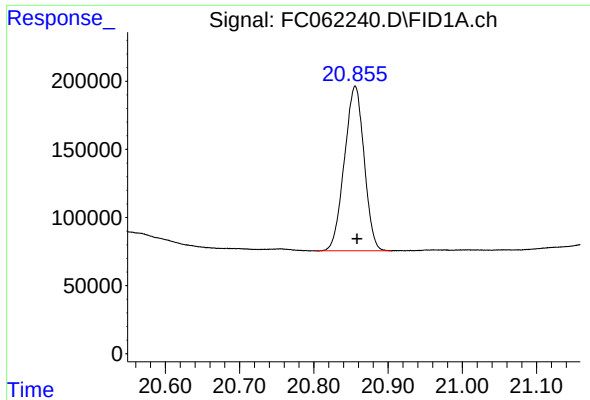
#19 n-Tetratriacontane (C34)

R.T.: 19.371 min
Delta R.T.: -0.003 min
Response: 2482019
Conc: 22.70 ug/ml



#20 n-Hexatriacontane (C36)

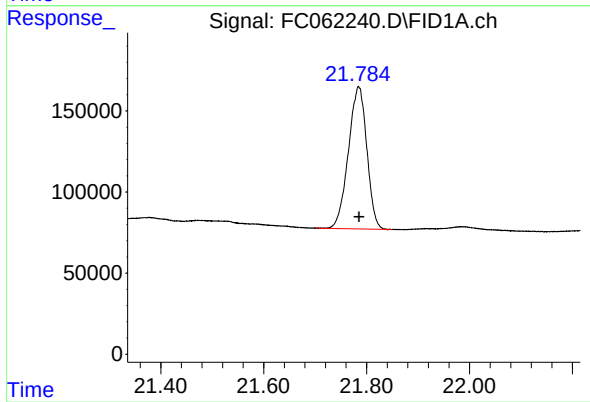
R.T.: 20.109 min
Delta R.T.: -0.003 min
Response: 2286920
Conc: 21.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.856 min
Delta R.T.: -0.002 min
Response: 2226457
Conc: 21.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.784 min
Delta R.T.: 0.000 min
Response: 2179648
Conc: 21.23 ug/ml