

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068259.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 21:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 11 02:33:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 2025
 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)	11.400	3072330	20.022 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	12.841	2261030	20.103 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T n-Nonane (C9)	3.207	2815137	20.011 ug/ml
2) T n-Decane (C10)	4.265	2844791	20.080 ug/ml
3) T A~Naphthalene (C11.7)	5.832	3088596	20.182 ug/ml
4) T n-Dodecane (C12)	6.273	2831121	20.113 ug/ml
5) T A~2-methylnaphthalene...	6.884	2933199	20.253 ug/ml
6) T n-Tetradecane (C14)	8.061	2737876	20.081 ug/ml
7) T n-Hexadecane (C16)	9.656	2751907	20.092 ug/ml
8) T n-Octadecane (C18)	11.095	2739976	20.035 ug/ml
10) T n-Eicosane (C20)	12.400	2607907	20.017 ug/ml
11) T n-Heneicosane (C21)	13.010	2555865	19.992 ug/ml
13) T n-Docosane (C22)	13.595	2524707	20.033 ug/ml
14) T n-Tetracosane (C24)	14.695	2499534	20.096 ug/ml
15) T n-Hexacosane (C26)	15.713	2448522	20.137 ug/ml
16) T n-Octacosane (C28)	16.662	2400213	20.209 ug/ml
17) T n-Tricontane (C30)	17.548	2439350	20.266 ug/ml
18) T n-Dotriacontane (C32)	18.379	2358782	20.323 ug/ml
19) T n-Tetratriacontane (C34)	19.161	2192230	20.287 ug/ml
20) T n-Hexatriacontane (C36)	19.899	1944392	20.219 ug/ml
21) T n-Octatriacontane (C38)	20.610	1808432	20.117 ug/ml
22) T n-Tetracontane (C40)	21.463	1736460	20.070 ug/ml

(f)=RT Delta > 1/2 Window

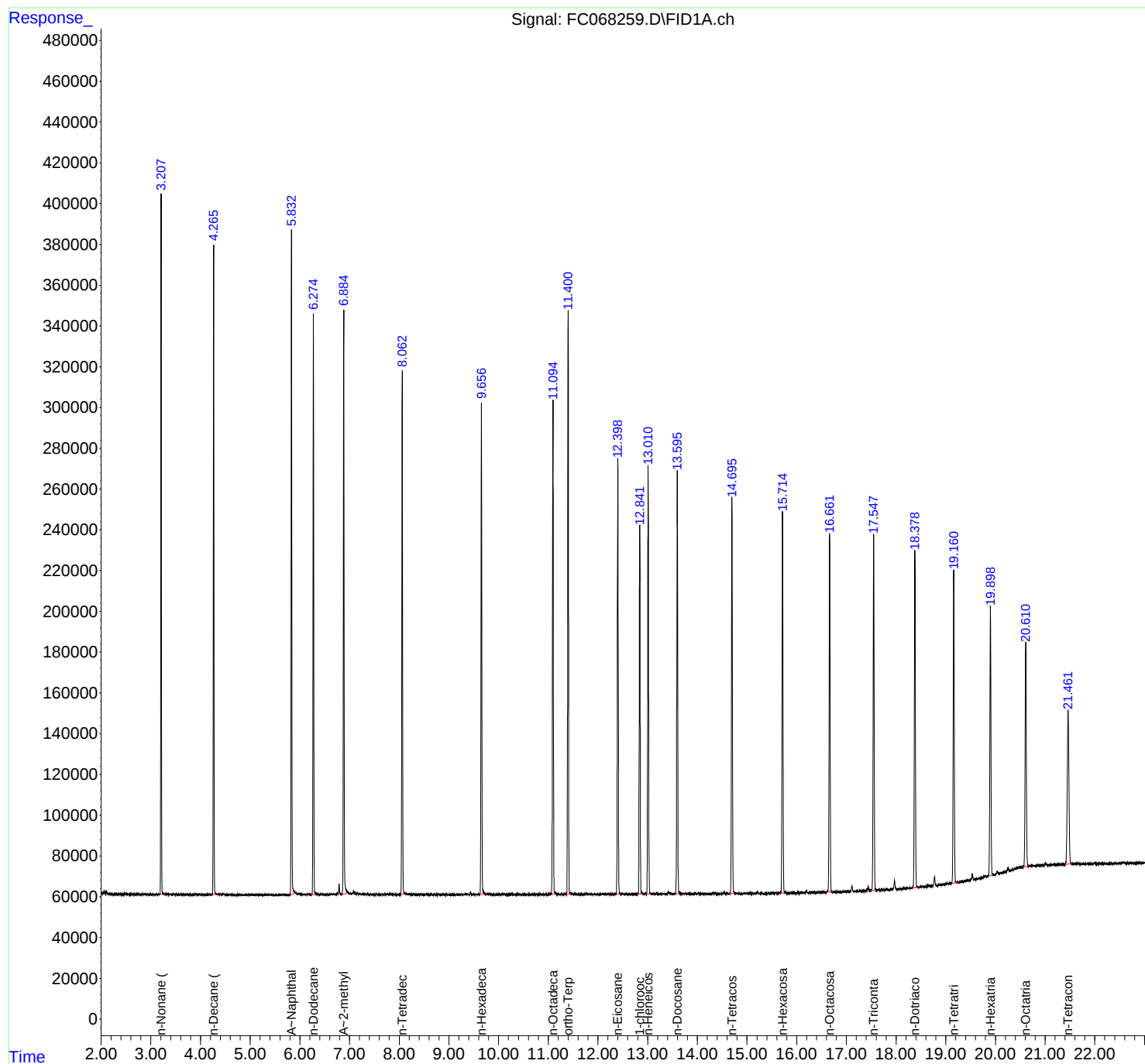
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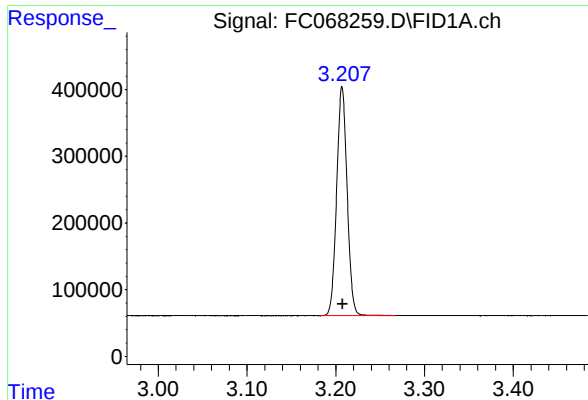
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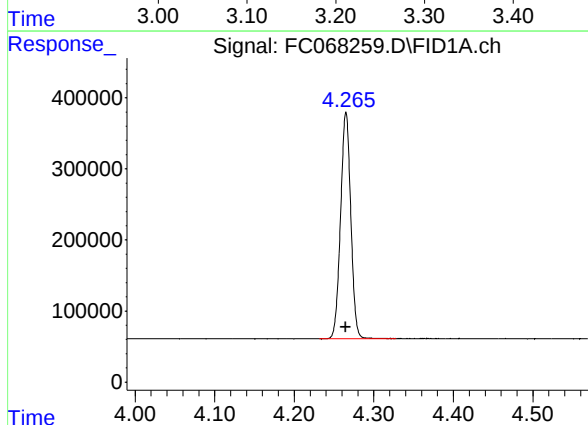




#1 n-Nonane (C9)

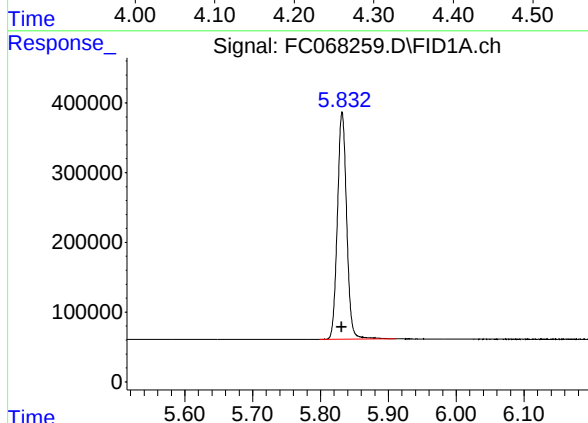
R.T.: 3.207 min
Delta R.T.: 0.000 min
Response: 2815137
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



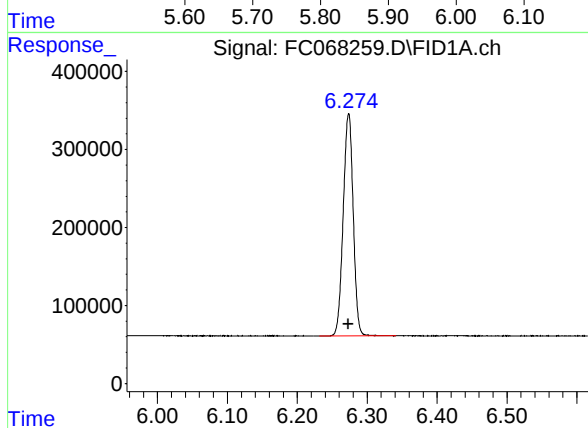
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 2844791
Conc: 20.08 ug/ml



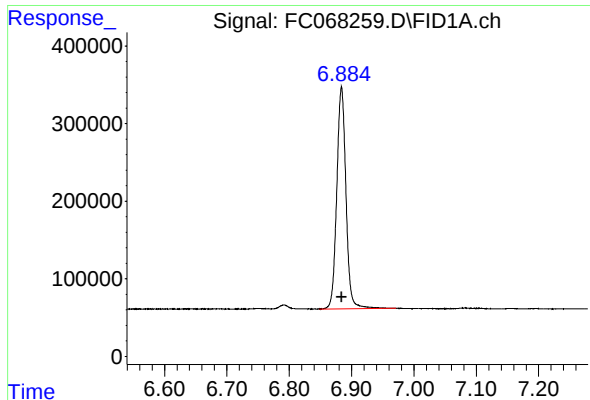
#3 A~Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3088596
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

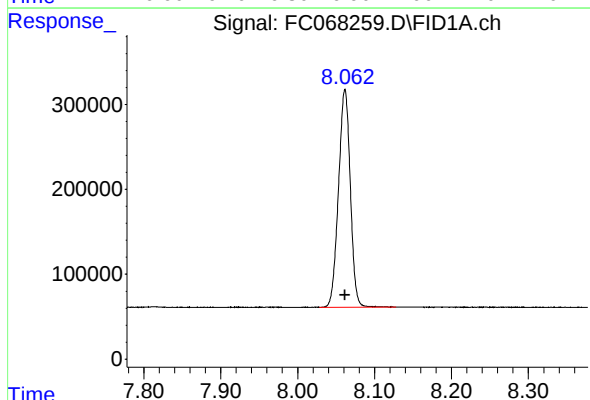
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 2831121
Conc: 20.11 ug/ml



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

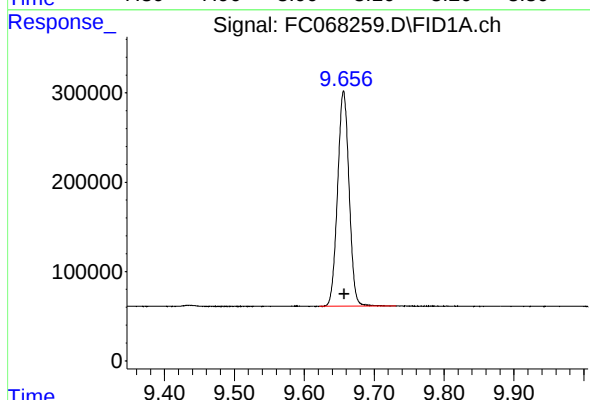
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 2933199
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



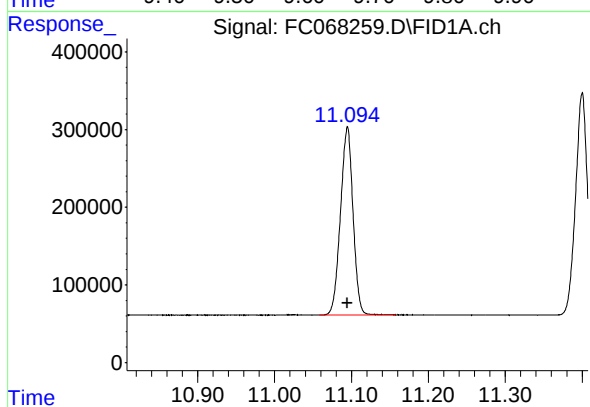
#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 2737876
Conc: 20.08 ug/ml



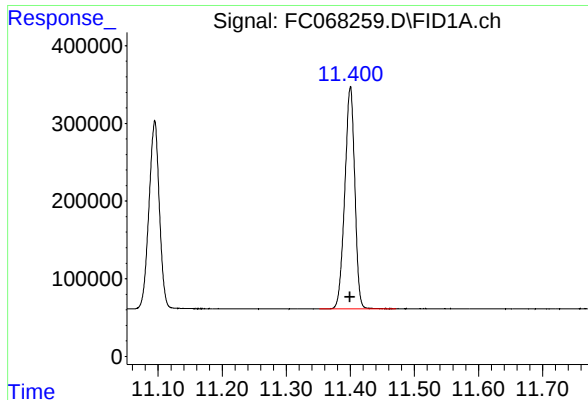
#7 n-Hexadecane (C16)

R.T.: 9.656 min
Delta R.T.: -0.001 min
Response: 2751907
Conc: 20.09 ug/ml



#8 n-Octadecane (C18)

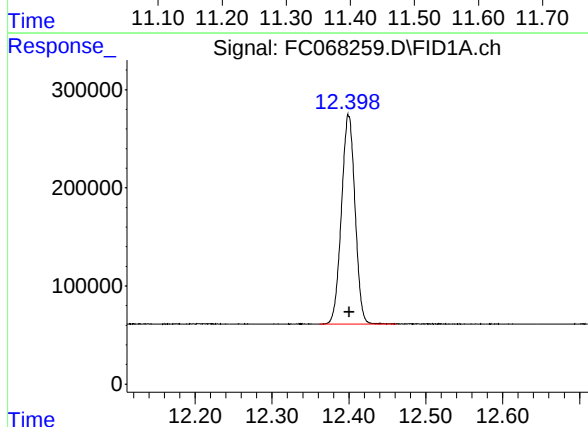
R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 2739976
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

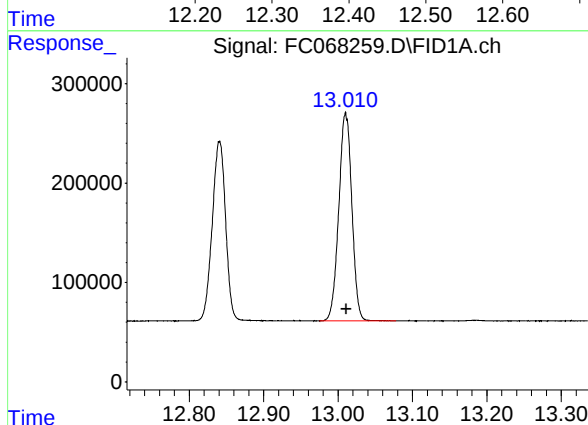
R.T.: 11.400 min
Delta R.T.: 0.000 min
Response: 3072330
Conc: 20.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



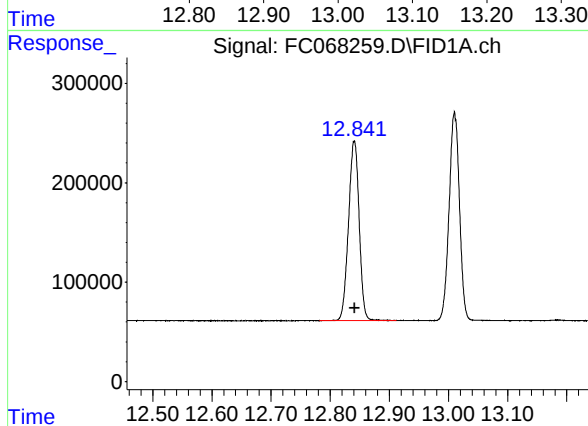
#10 n-Eicosane (C20)

R.T.: 12.400 min
Delta R.T.: -0.001 min
Response: 2607907
Conc: 20.02 ug/ml



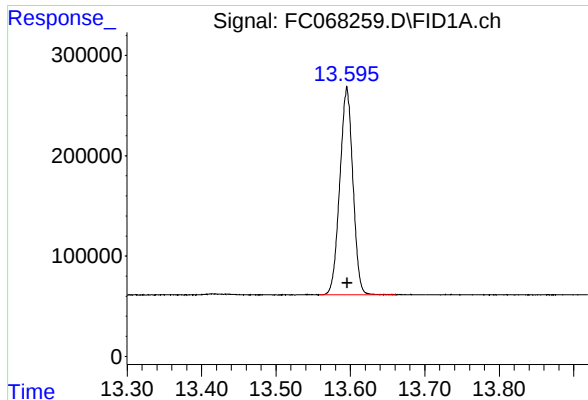
#11 n-Heneicosane (C21)

R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 2555865
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

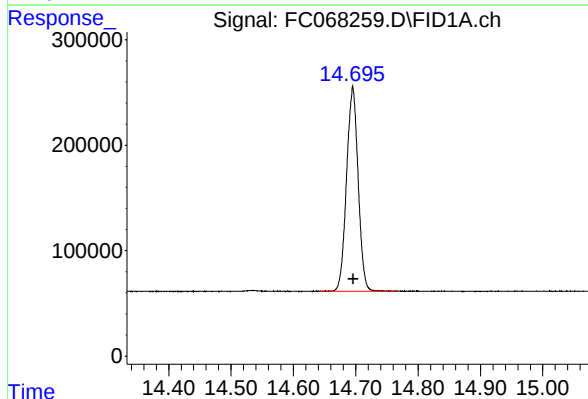
R.T.: 12.841 min
Delta R.T.: 0.000 min
Response: 2261030
Conc: 20.10 ug/ml



#13 n-Docosane (C22)

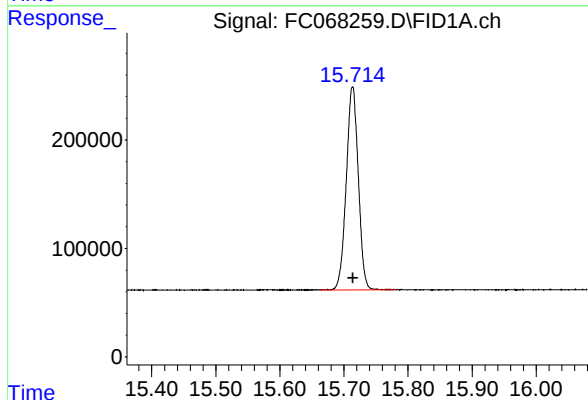
R.T.: 13.595 min
Delta R.T.: 0.000 min
Response: 2524707
Conc: 20.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



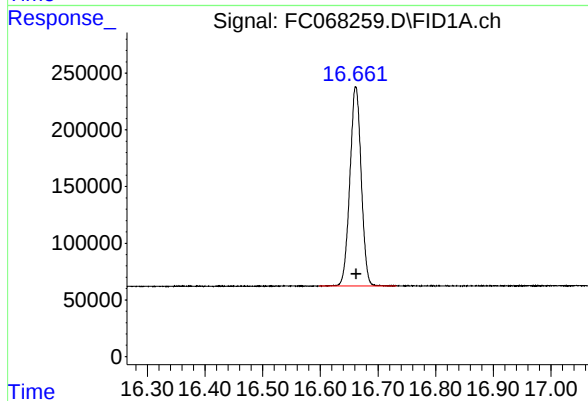
#14 n-Tetracosane (C24)

R.T.: 14.695 min
Delta R.T.: 0.000 min
Response: 2499534
Conc: 20.10 ug/ml



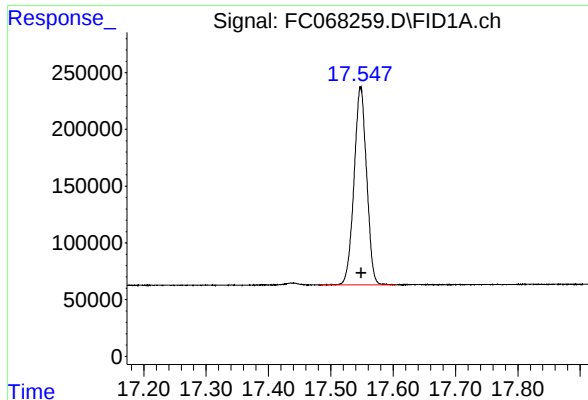
#15 n-Hexacosane (C26)

R.T.: 15.713 min
Delta R.T.: 0.000 min
Response: 2448522
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

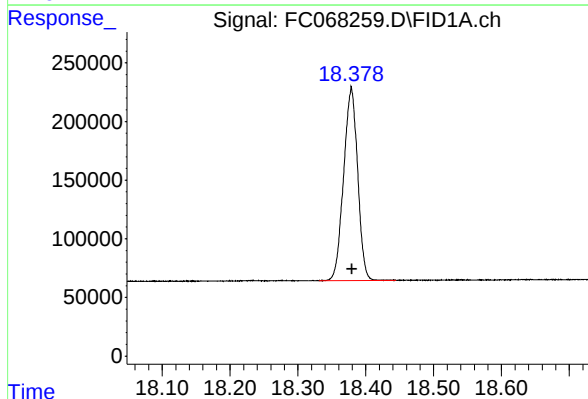
R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2400213
Conc: 20.21 ug/ml



#17 n-Tricontane (C30)

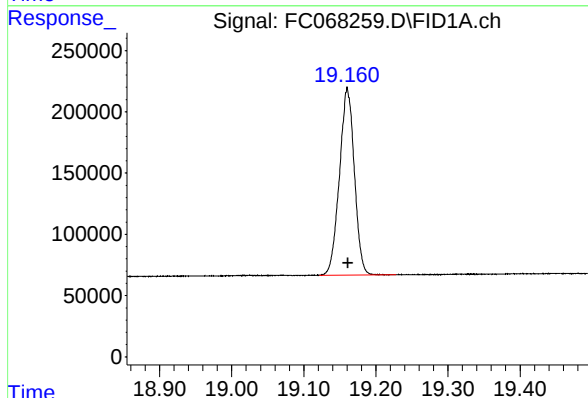
R.T.: 17.548 min
Delta R.T.: -0.001 min
Response: 2439350
Conc: 20.27 ug/ml

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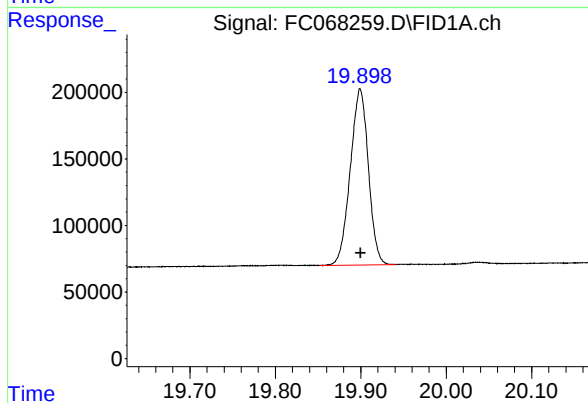
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: -0.001 min
Response: 2358782
Conc: 20.32 ug/ml



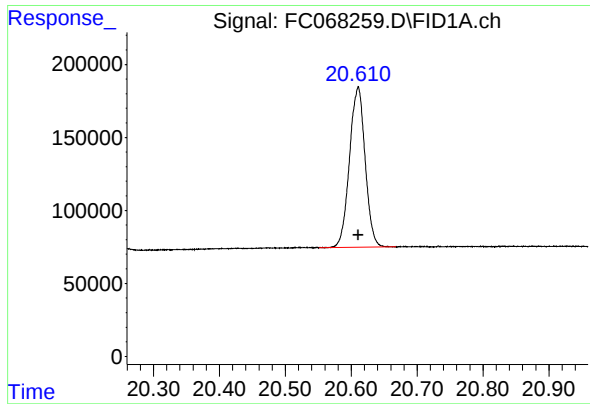
#19 n-Tetratriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.000 min
Response: 2192230
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

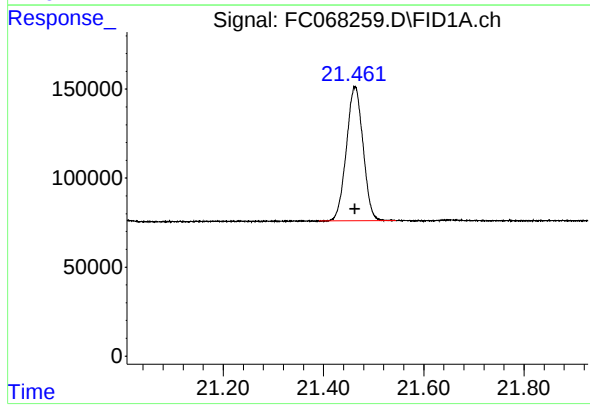
R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 1944392
Conc: 20.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.610 min
Delta R.T.: 0.000 min
Response: 1808432
Conc: 20.12 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.463 min
Delta R.T.: 0.000 min
Response: 1736460
Conc: 20.07 ug/ml