

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041525AL\
 Data File : FC068603.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2025 08:51
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 15 20:56:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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

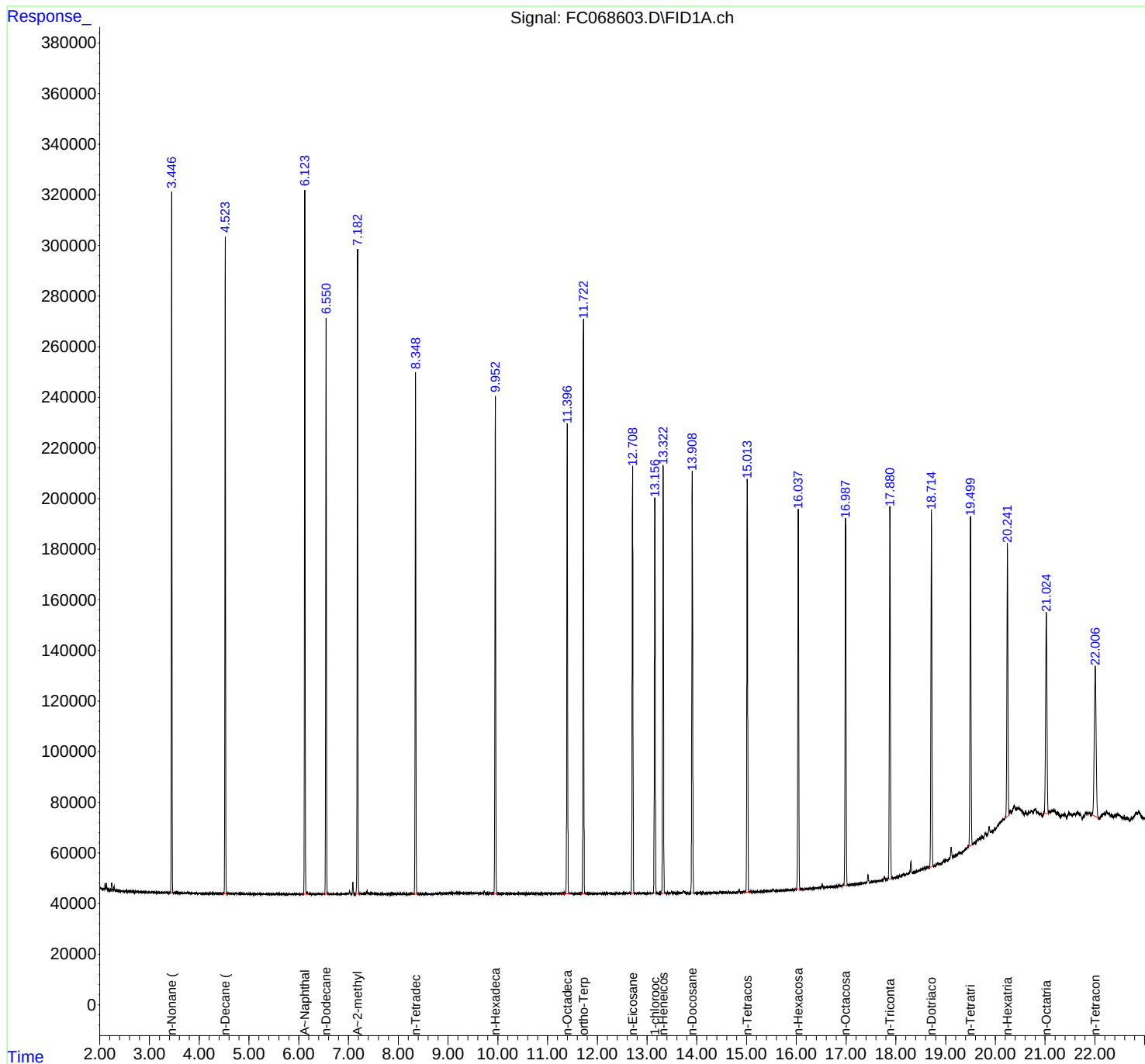
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.722	2402750	18.869 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
12) S 1-chlorooctadecane (S...	13.156	1766636	19.018 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
Target Compounds			
1) T n-Nonane (C9)	3.446	2301239	21.849 ug/ml
2) T n-Decane (C10)	4.523	2319655	22.017 ug/ml
3) T A~Naphthalene (C11.7)	6.123	2529019	21.716 ug/ml
4) T n-Dodecane (C12)	6.550	2244284	21.341 ug/ml
5) T A~2-methylnaphthalene...	7.182	2397138	20.755 ug/ml
6) T n-Tetradecane (C14)	8.349	2135625	20.774 ug/ml
7) T n-Hexadecane (C16)	9.953	2142719	21.040 ug/ml
8) T n-Octadecane (C18)	11.397	2129695	21.163 ug/ml
10) T n-Eicosane (C20)	12.708	2027958	20.618 ug/ml
11) T n-Heneicosane (C21)	13.322	1993313	20.453 ug/ml
13) T n-Docosane (C22)	13.909	1986703	20.567 ug/ml
14) T n-Tetracosane (C24)	15.014	1989158	20.898 ug/ml
15) T n-Hexacosane (C26)	16.037	1966507	21.054 ug/ml
16) T n-Octacosane (C28)	16.988	1957509	21.380 ug/ml
17) T n-Tricontane (C30)	17.880	2014322	21.911 ug/ml
18) T n-Dotriacontane (C32)	18.714	1967707	21.451 ug/ml
19) T n-Tetratriacontane (C34)	19.499	1763396	19.738 ug/ml
20) T n-Hexatriacontane (C36)	20.242	1567732	17.501 ug/ml
21) T n-Octatriacontane (C38)	21.023	1489736	16.850 ug/ml
22) T n-Tetracontane (C40)	22.007	1513292	17.137 ug/ml

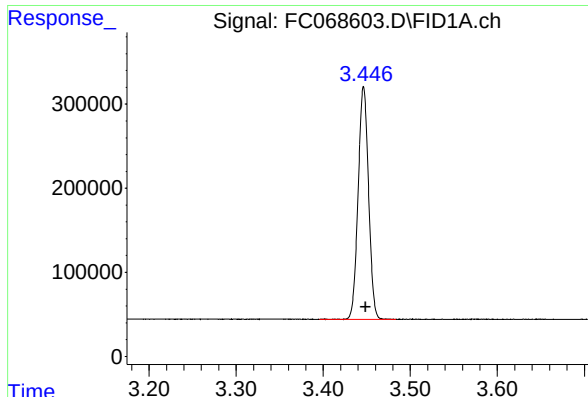
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

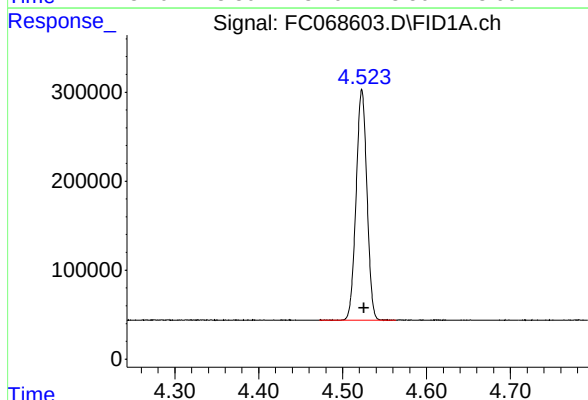




#1 n-Nonane (C9)

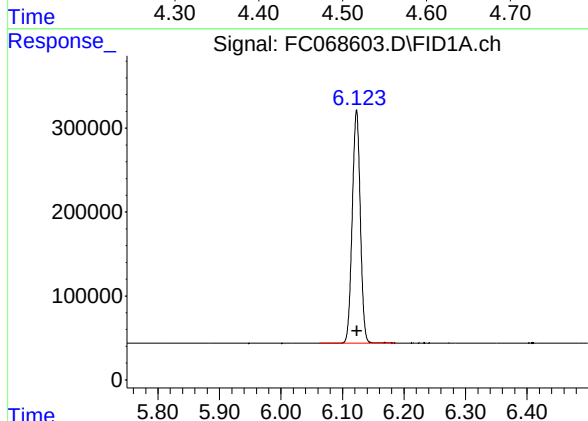
R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 2301239
Conc: 21.85 ug/ml

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20 PPM ALIPHATIC HC STD



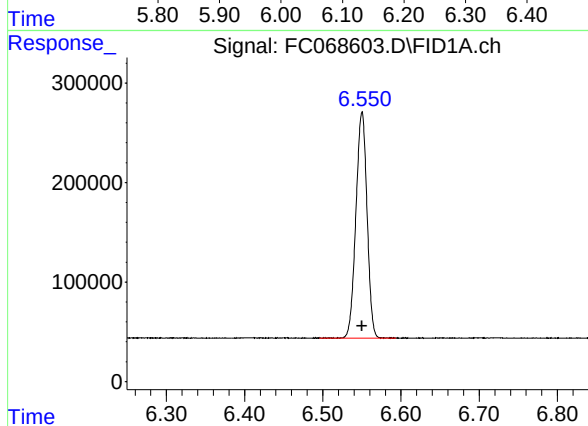
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 2319655
Conc: 22.02 ug/ml



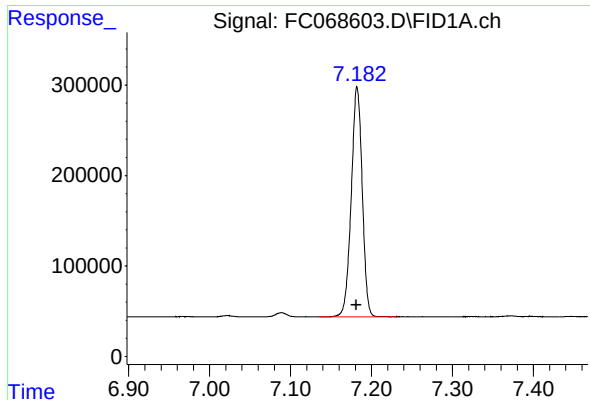
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 2529019
Conc: 21.72 ug/ml



#4 n-Dodecane (C12)

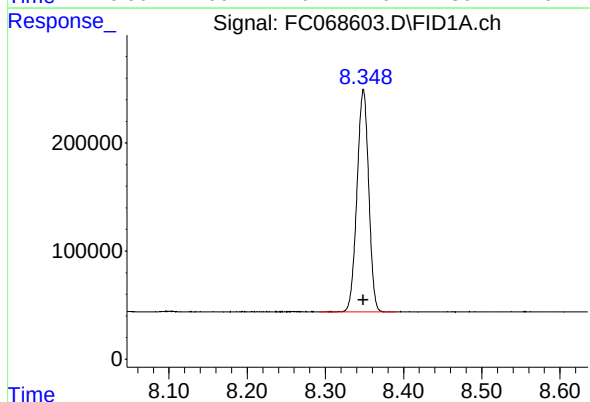
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 2244284
Conc: 21.34 ug/ml



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

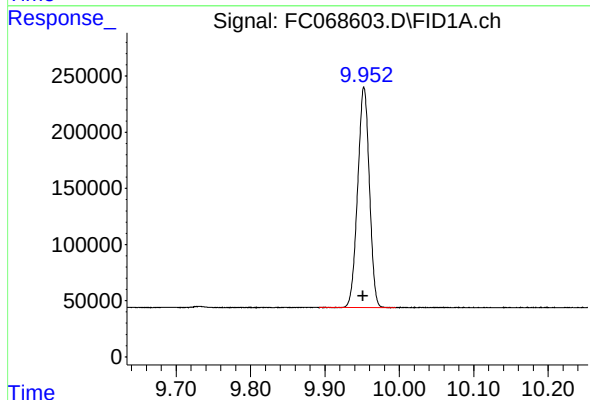
R.T.: 7.182 min
Delta R.T.: 0.001 min
Response: 2397138
Conc: 20.75 ug/ml

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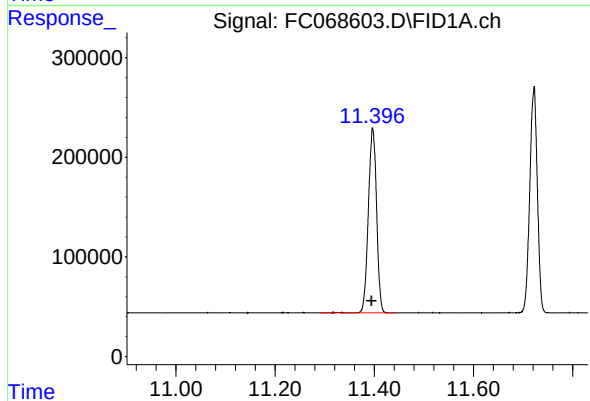
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 2135625
Conc: 20.77 ug/ml



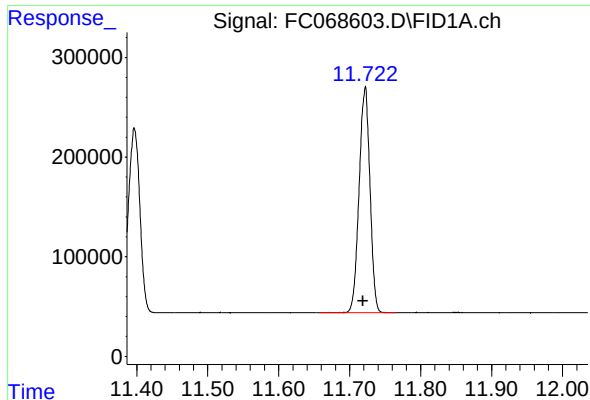
#7 n-Hexadecane (C16)

R.T.: 9.953 min
Delta R.T.: 0.002 min
Response: 2142719
Conc: 21.04 ug/ml



#8 n-Octadecane (C18)

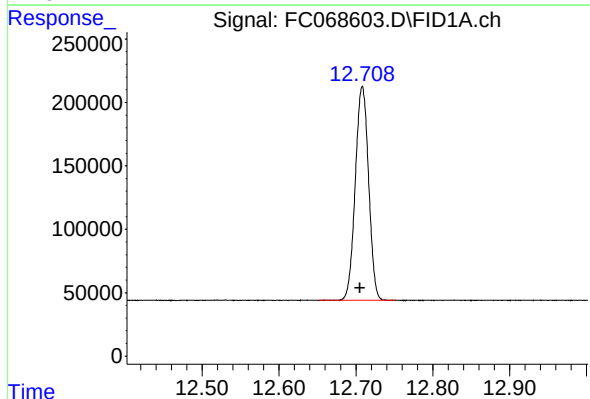
R.T.: 11.397 min
Delta R.T.: 0.002 min
Response: 2129695
Conc: 21.16 ug/ml



#9 ortho-Terphenyl (SURR)

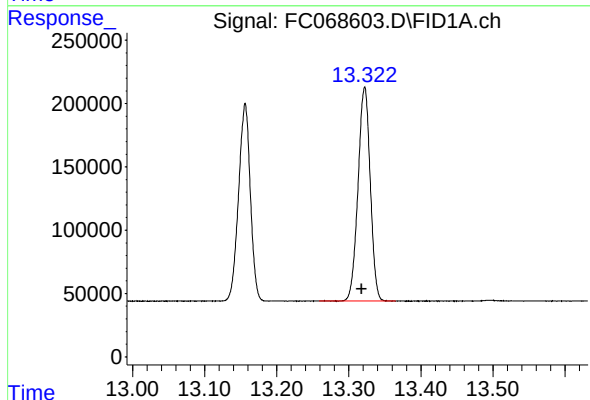
R.T.: 11.722 min
Delta R.T.: 0.003 min
Response: 2402750
Conc: 18.87 ug/ml

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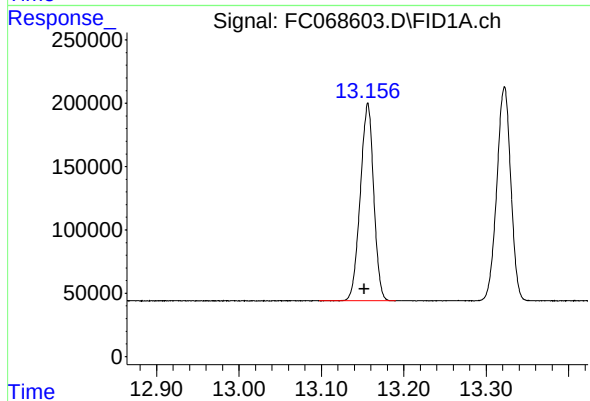
#10 n-Eicosane (C20)

R.T.: 12.708 min
Delta R.T.: 0.003 min
Response: 2027958
Conc: 20.62 ug/ml



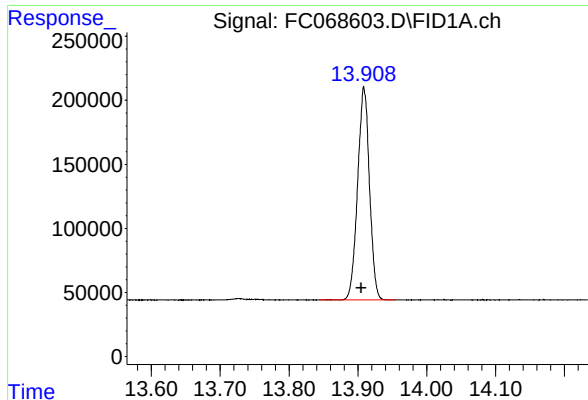
#11 n-Heneicosane (C21)

R.T.: 13.322 min
Delta R.T.: 0.004 min
Response: 1993313
Conc: 20.45 ug/ml



#12 1-chlorooctadecane (SURR)

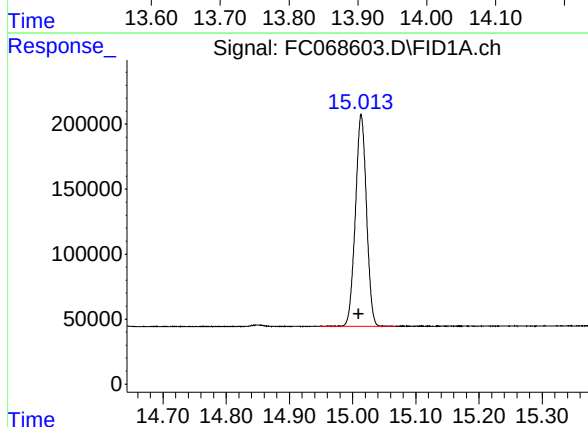
R.T.: 13.156 min
Delta R.T.: 0.004 min
Response: 1766636
Conc: 19.02 ug/ml



#13 n-Docosane (C22)

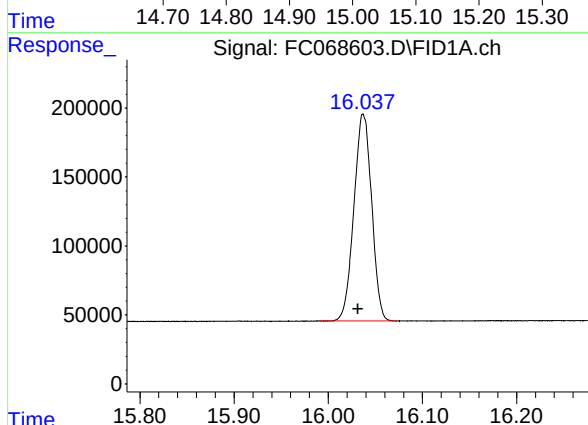
R.T.: 13.909 min
Delta R.T.: 0.004 min
Response: 1986703
Conc: 20.57 ug/ml

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20 PPM ALIPHATIC HC STD



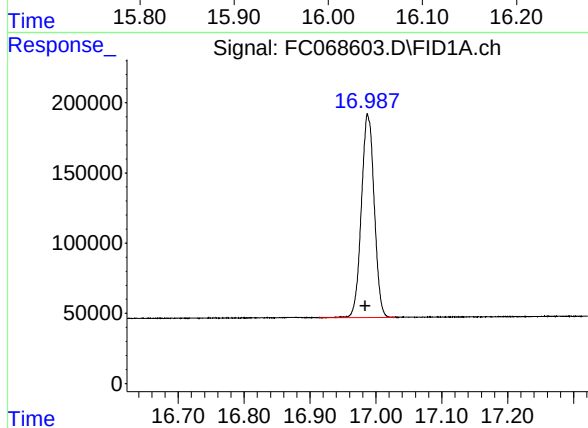
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: 0.004 min
Response: 1989158
Conc: 20.90 ug/ml



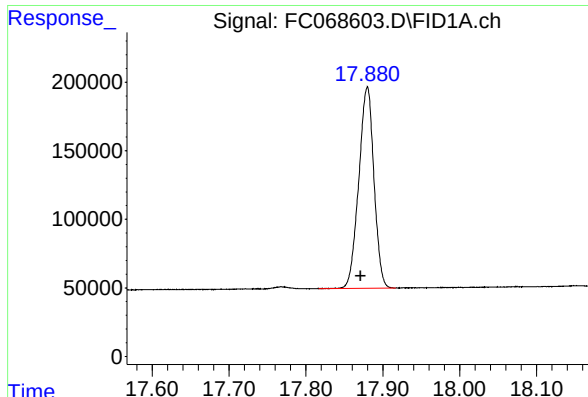
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: 0.005 min
Response: 1966507
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

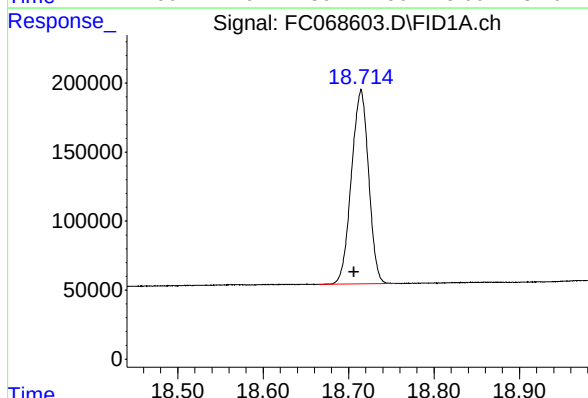
R.T.: 16.988 min
Delta R.T.: 0.005 min
Response: 1957509
Conc: 21.38 ug/ml



#17 n-Tricontane (C30)

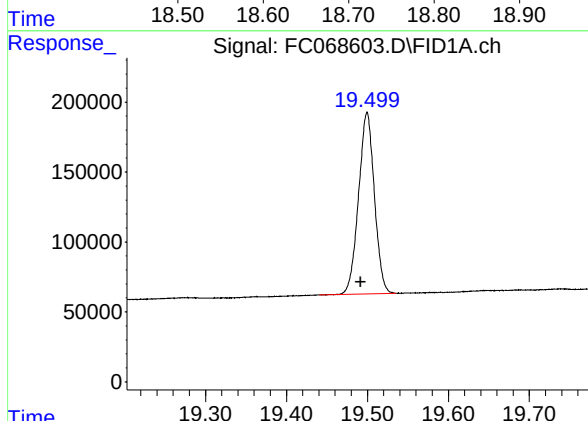
R.T.: 17.880 min
Delta R.T.: 0.008 min
Response: 2014322
Conc: 21.91 ug/ml

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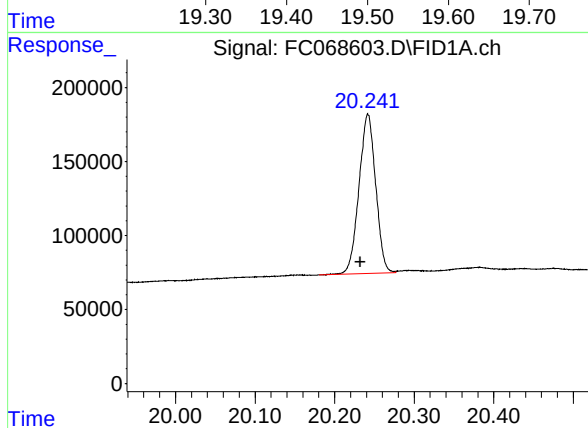
#18 n-Dotriacontane (C32)

R.T.: 18.714 min
Delta R.T.: 0.008 min
Response: 1967707
Conc: 21.45 ug/ml



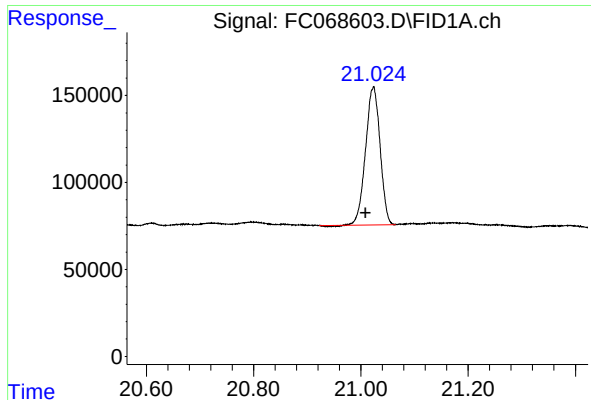
#19 n-Tetatriacontane (C34)

R.T.: 19.499 min
Delta R.T.: 0.008 min
Response: 1763396
Conc: 19.74 ug/ml



#20 n-Hexatriacontane (C36)

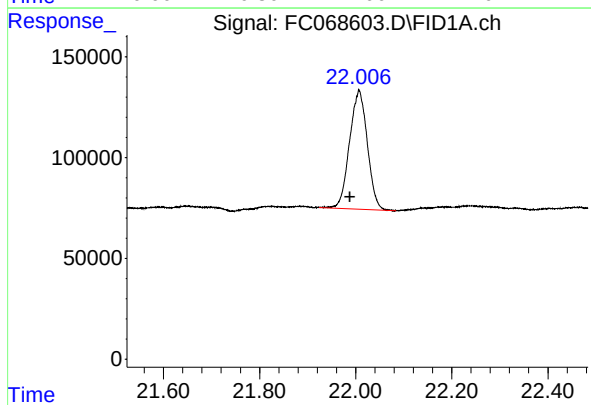
R.T.: 20.242 min
Delta R.T.: 0.010 min
Response: 1567732
Conc: 17.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.023 min
Delta R.T.: 0.014 min
Response: 1489736
Conc: 16.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.018 min
Response: 1513292
Conc: 17.14 ug/ml