

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091124AL\
 Data File : FC067092.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 13:05
 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: sample.E
 Quant Time: Sep 11 04:19:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 2024
 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)	11.508	2751974	19.763 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
12) S 1-chlorooctadecane (S...	12.947	2014726	20.625 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	3.280	2575518	19.416 ug/ml
2) T n-Decane (C10)	4.345	2622839	19.529 ug/ml
3) T A~Naphthalene (C11.7)	5.925	2772091	19.505 ug/ml
4) T n-Dodecane (C12)	6.363	2639710	19.721 ug/ml
5) T A~2-methylnaphthalene...	6.981	2627228	19.674 ug/ml
6) T n-Tetradecane (C14)	8.156	2582198	20.036 ug/ml
7) T n-Hexadecane (C16)	9.755	2619632	20.319 ug/ml
8) T n-Octadecane (C18)	11.196	2617184	20.456 ug/ml
10) T n-Eicosane (C20)	12.504	2451142	20.407 ug/ml
11) T n-Heneicosane (C21)	13.115	2385743	20.427 ug/ml
13) T n-Docosane (C22)	13.701	2342885	20.292 ug/ml
14) T n-Tetracosane (C24)	14.803	2293384	20.195 ug/ml
15) T n-Hexacosane (C26)	15.822	2227500	20.099 ug/ml
16) T n-Octacosane (C28)	16.771	2170464	20.093 ug/ml
17) T n-Tricontane (C30)	17.658	2187927	20.114 ug/ml
18) T n-Dotriacontane (C32)	18.490	2099775	20.131 ug/ml
19) T n-Tetratriacontane (C34)	19.272	1866346	20.230 ug/ml
20) T n-Hexatriacontane (C36)	20.012	1615784	20.389 ug/ml
21) T n-Octatriacontane (C38)	20.738	1534913	20.434 ug/ml
22) T n-Tetracontane (C40)	21.628	1468249	21.016 ug/ml

(f)=RT Delta > 1/2 Window

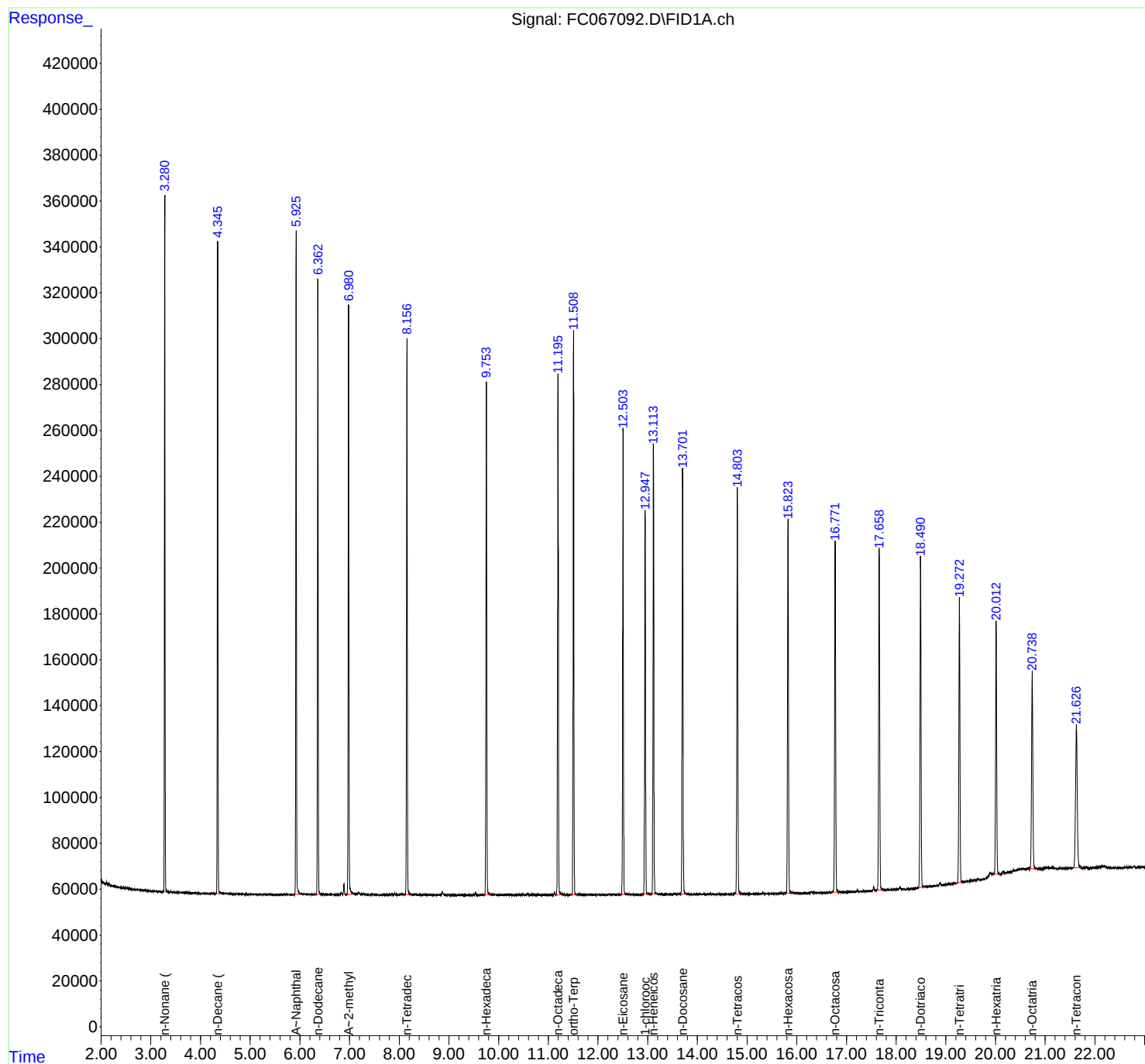
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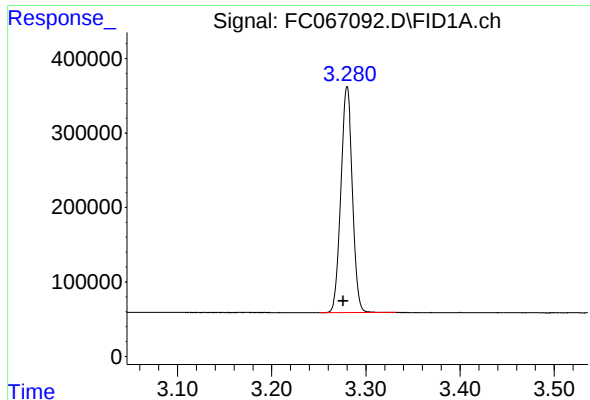
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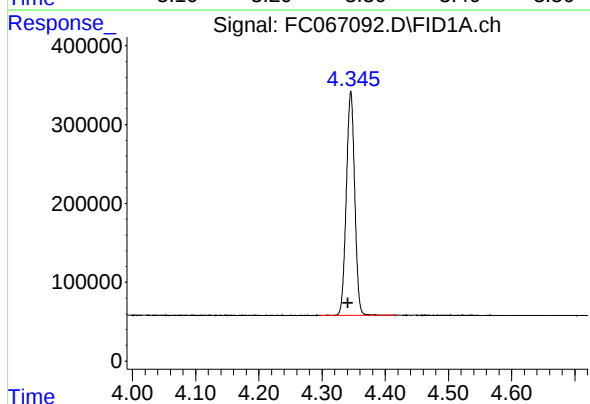




#1 n-Nonane (C9)

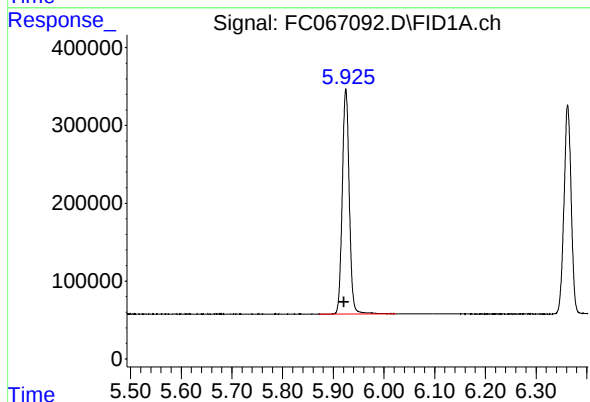
R.T.: 3.280 min
Delta R.T.: 0.004 min
Response: 2575518
Conc: 19.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



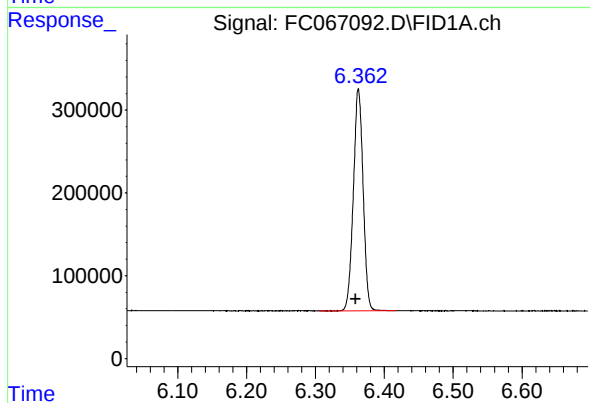
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.005 min
Response: 2622839
Conc: 19.53 ug/ml



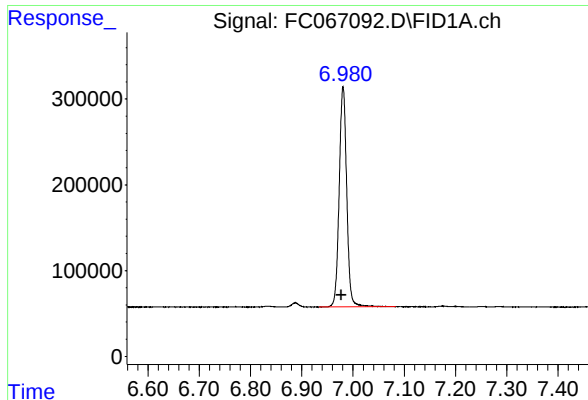
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 2772091
Conc: 19.50 ug/ml



#4 n-Dodecane (C12)

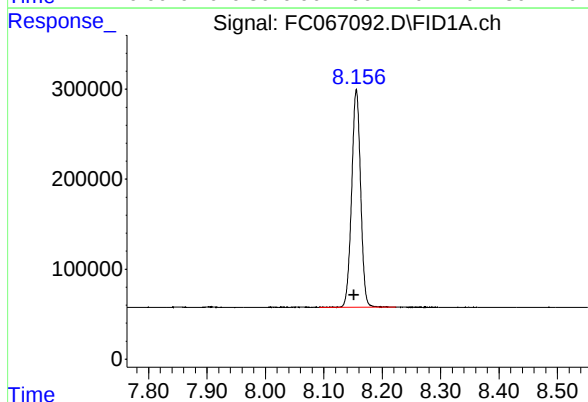
R.T.: 6.363 min
Delta R.T.: 0.004 min
Response: 2639710
Conc: 19.72 ug/ml



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

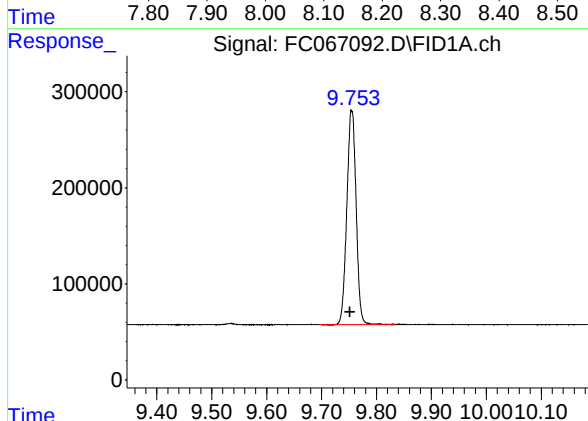
R.T.: 6.981 min
Delta R.T.: 0.004 min
Response: 2627228
Conc: 19.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



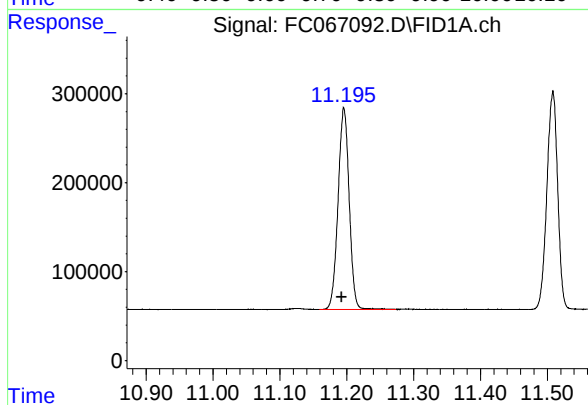
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.004 min
Response: 2582198
Conc: 20.04 ug/ml



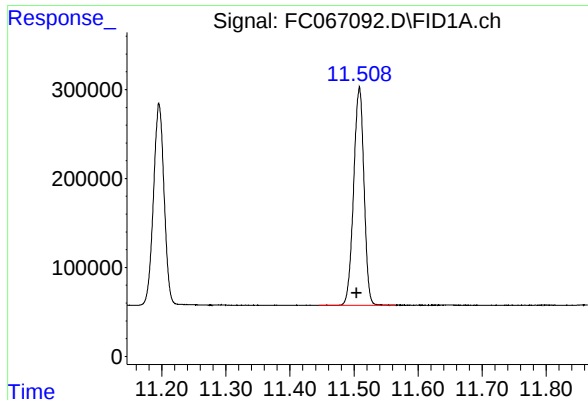
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 2619632
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

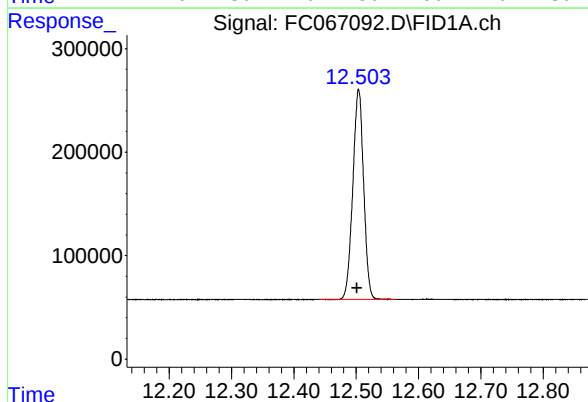
R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 2617184
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

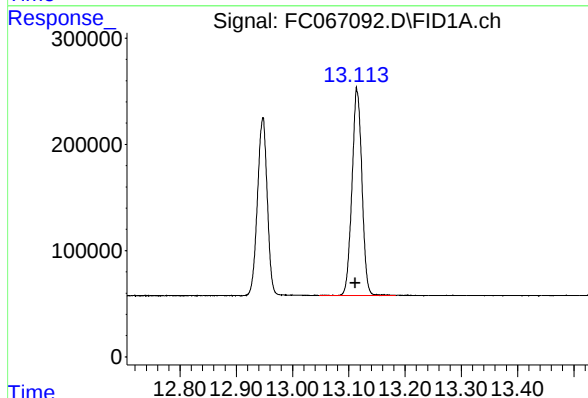
R.T.: 11.508 min
Delta R.T.: 0.004 min
Response: 2751974
Conc: 19.76 ug/ml

Instrument :
FID_C
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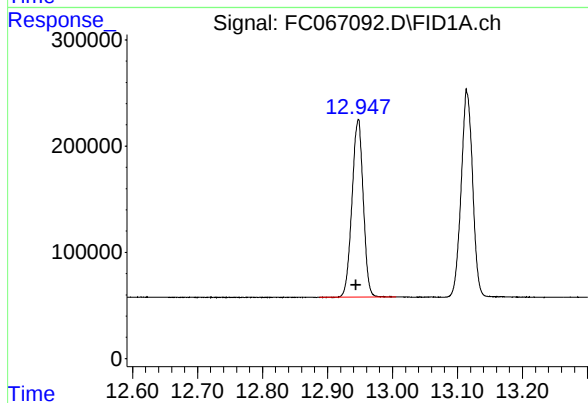
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.003 min
Response: 2451142
Conc: 20.41 ug/ml



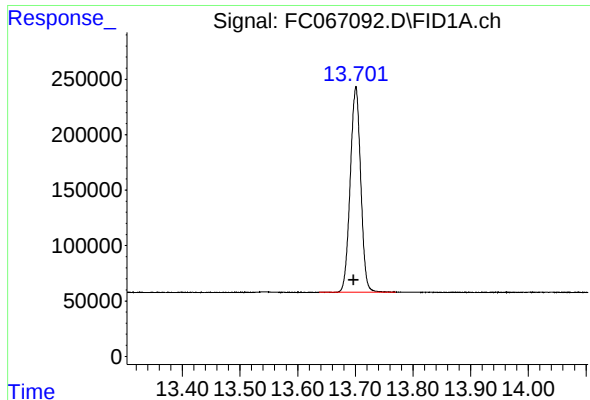
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.003 min
Response: 2385743
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

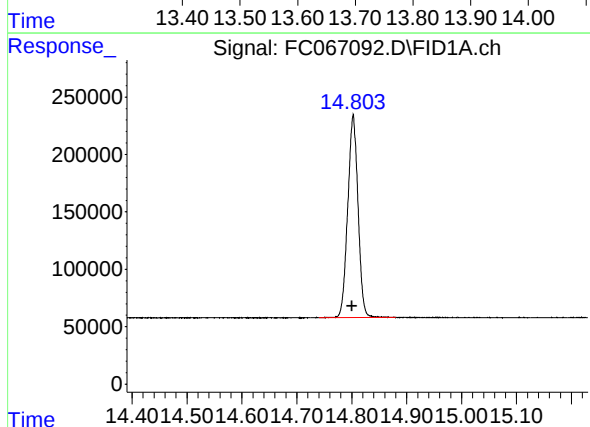
R.T.: 12.947 min
Delta R.T.: 0.004 min
Response: 2014726
Conc: 20.62 ug/ml



#13 n-Docosane (C22)

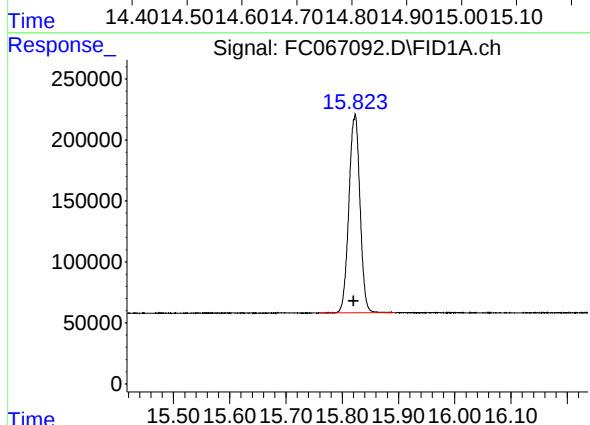
R.T.: 13.701 min
Delta R.T.: 0.004 min
Response: 2342885
Conc: 20.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



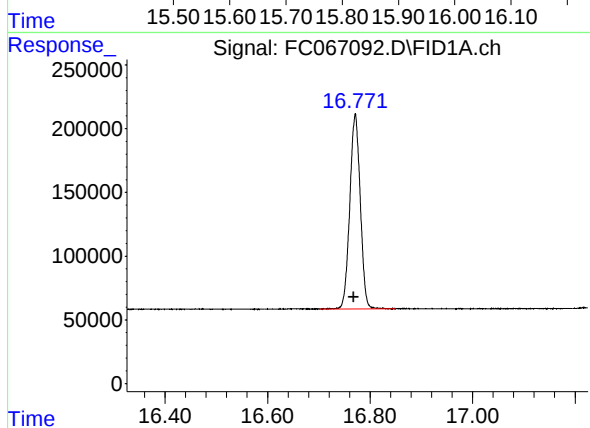
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.002 min
Response: 2293384
Conc: 20.20 ug/ml



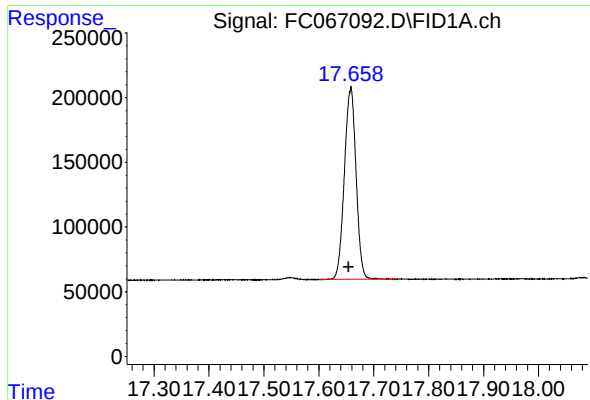
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.002 min
Response: 2227500
Conc: 20.10 ug/ml



#16 n-Octacosane (C28)

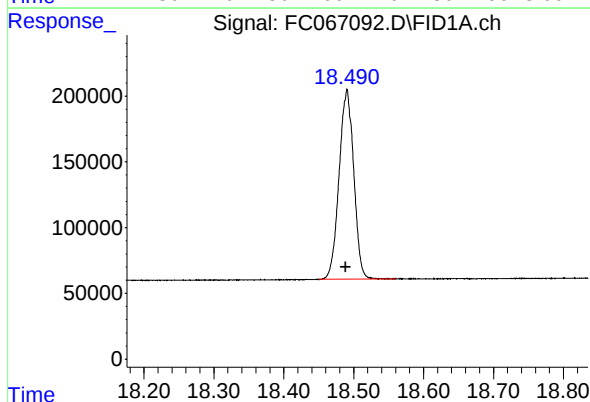
R.T.: 16.771 min
Delta R.T.: 0.003 min
Response: 2170464
Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

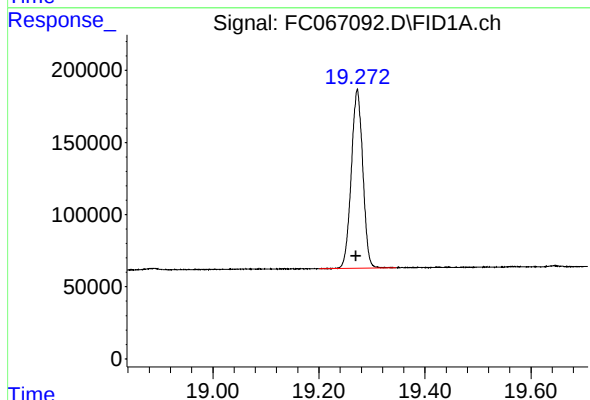
R.T.: 17.658 min
Delta R.T.: 0.004 min
Response: 2187927
Conc: 20.11 ug/ml

Instrument :
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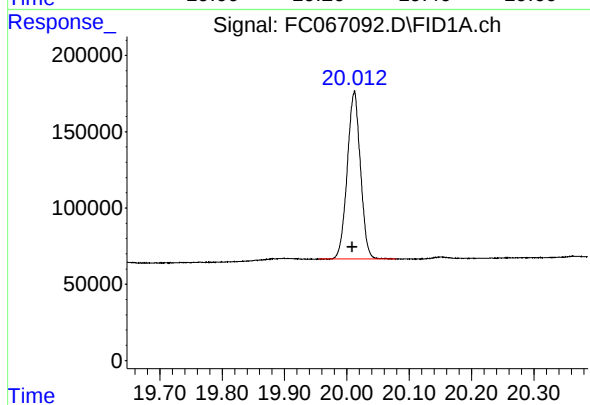
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: 0.002 min
Response: 2099775
Conc: 20.13 ug/ml



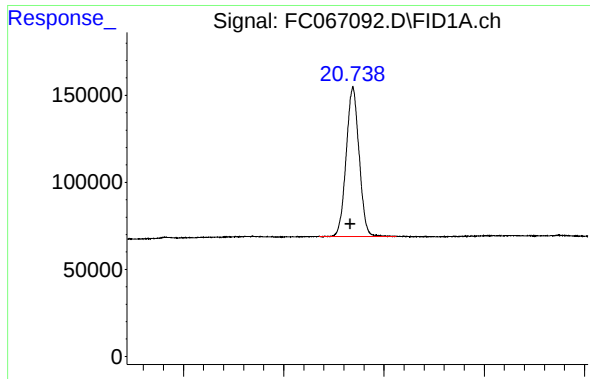
#19 n-Tetatriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.003 min
Response: 1866346
Conc: 20.23 ug/ml



#20 n-Hexatriacontane (C36)

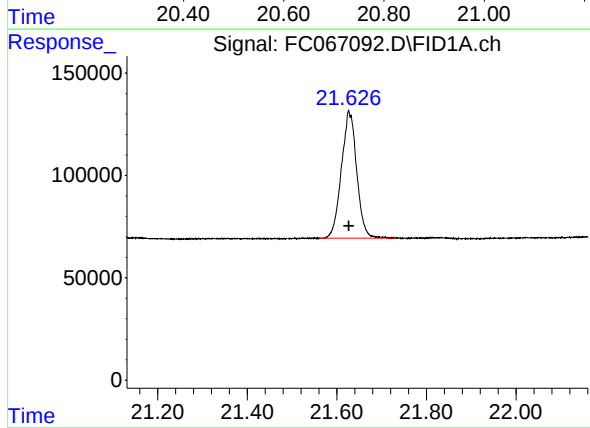
R.T.: 20.012 min
Delta R.T.: 0.003 min
Response: 1615784
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.005 min
Response: 1534913
Conc: 20.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.628 min
Delta R.T.: 0.000 min
Response: 1468249
Conc: 21.02 ug/ml