

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AL\
 Data File : FD045767.D
 Signal(s) : FID2B.ch
 Acq On : 27 May 2023 06:51
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 29 01:25:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Mon May 29 01:19:40 2023
 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)	11.435	9029265	49.055 ug/ml
Spiked Amount 50.000		Recovery =	98.11%
12) S 1-chlorooctadecane (S...	12.866	6678125	49.114 ug/ml
Spiked Amount 50.000		Recovery =	98.23%
Target Compounds			
1) T n-Nonane (C9)	3.253	7189699	48.949 ug/ml
2) T n-Decane (C10)	4.310	7326205	48.907 ug/ml
3) T A~Naphthalene (C11.7)	5.876	8119216	48.900 ug/ml
4) T n-Dodecane (C12)	6.315	7414733	48.925 ug/ml
5) T A~2-methylnaphthalene...	6.926	7921962	48.986 ug/ml
6) T n-Tetradecane (C14)	8.100	7420763	48.931 ug/ml
7) T n-Hexadecane (C16)	9.693	7749789	48.995 ug/ml
8) T n-Octadecane (C18)	11.127	7902209	49.061 ug/ml
10) T n-Eicosane (C20)	12.427	7661844	49.111 ug/ml
11) T n-Heneicosane (C21)	13.035	7555192	49.188 ug/ml
13) T n-Docosane (C22)	13.617	7508737	49.175 ug/ml
14) T n-Tetracosane (C24)	14.712	7434548	49.241 ug/ml
15) T n-Hexacosane (C26)	15.725	7146594	49.374 ug/ml
16) T n-Octacosane (C28)	16.667	6758200	49.451 ug/ml
17) T n-Tricontane (C30)	17.547	6505451	49.513 ug/ml
18) T n-Dotriacontane (C32)	18.372	6079683	49.330 ug/ml
19) T n-Tetratriacontane (C34)	19.150	5736756	49.210 ug/ml
20) T n-Hexatriacontane (C36)	19.884	5503930	49.176 ug/ml
21) T n-Octatriacontane (C38)	20.587	5485319	49.231 ug/ml
22) T n-Tetracontane (C40)	21.416	5406699	49.701 ug/ml

(f)=RT Delta > 1/2 Window

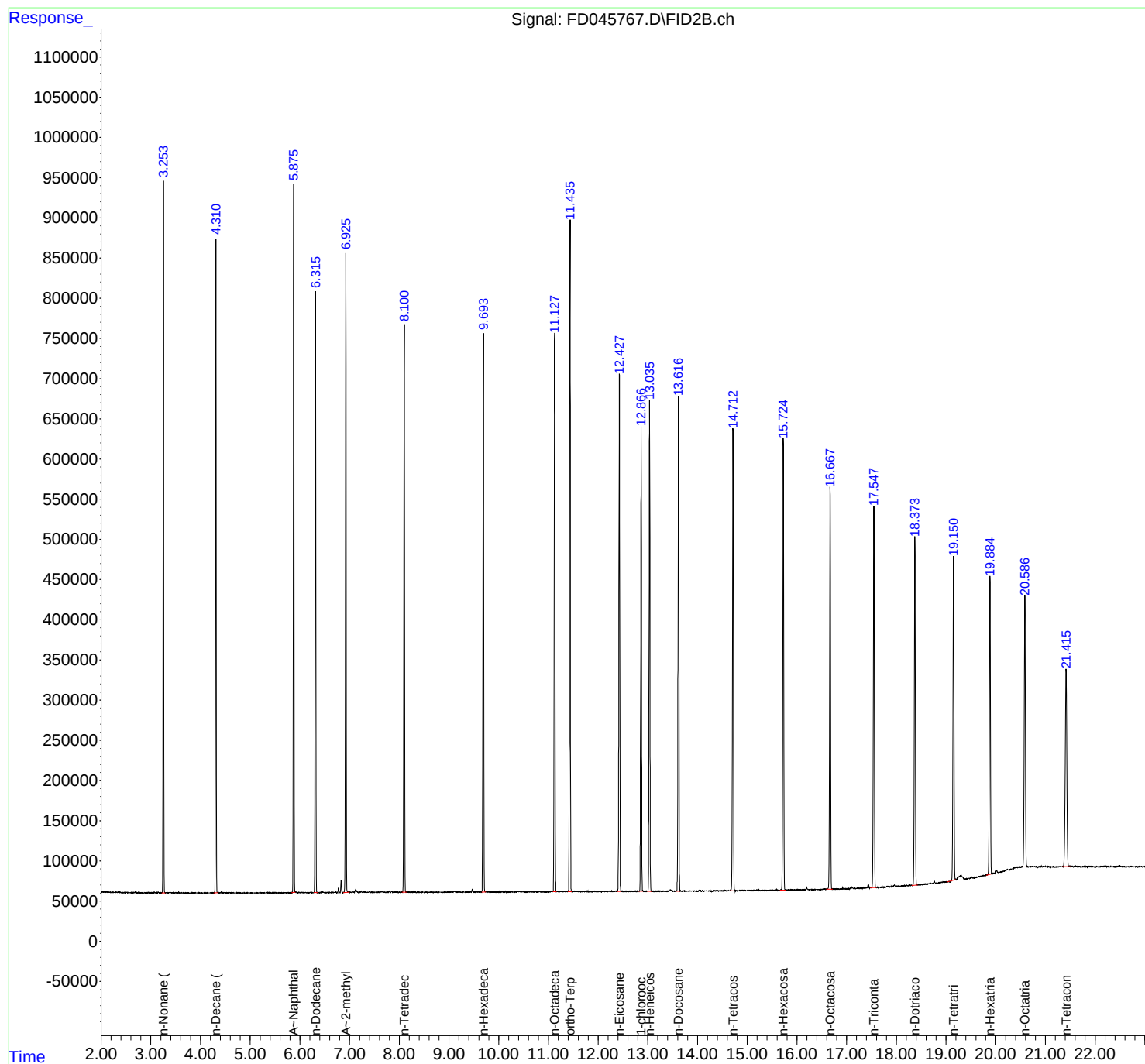
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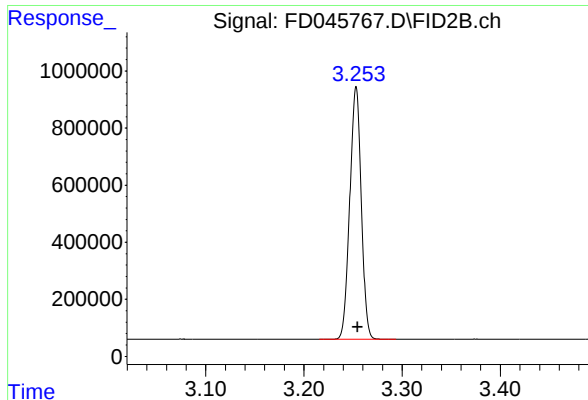
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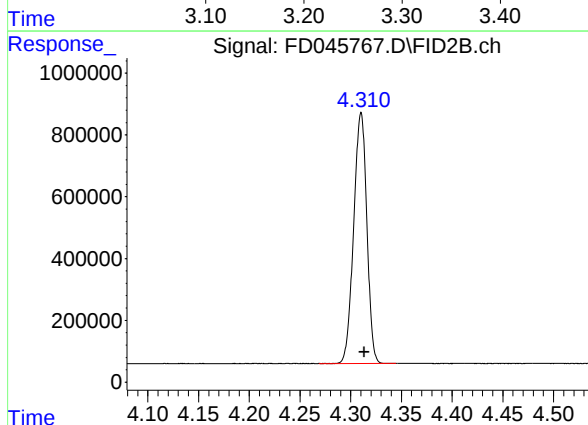




#1 n-Nonane (C9)

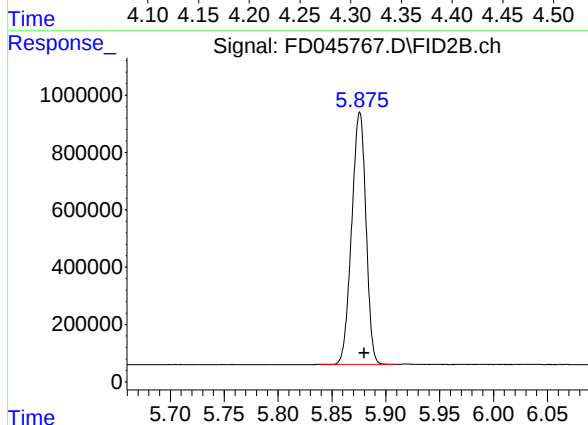
R.T.: 3.253 min
Delta R.T.: -0.002 min
Response: 7189699
Conc: 48.95 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



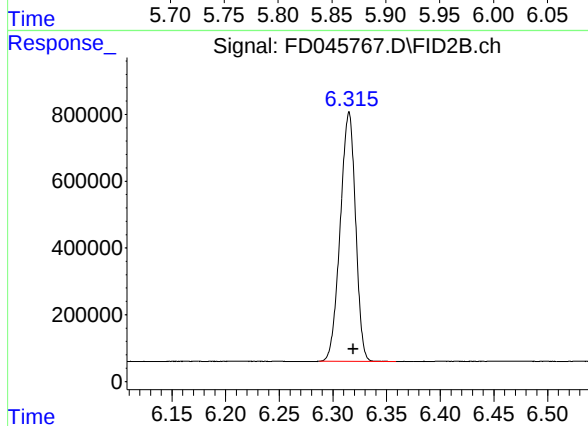
#2 n-Decane (C10)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 7326205
Conc: 48.91 ug/ml



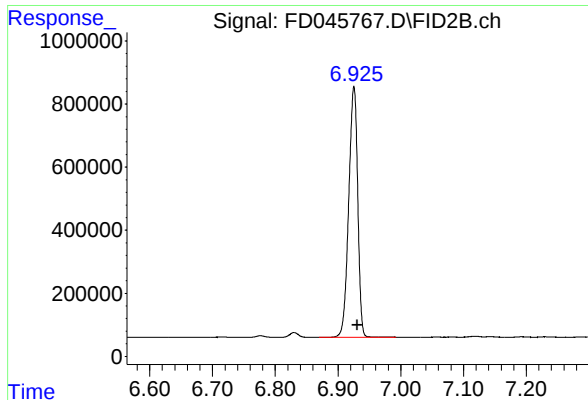
#3 A~Naphthalene (C11.7)

R.T.: 5.876 min
Delta R.T.: -0.004 min
Response: 8119216
Conc: 48.90 ug/ml



#4 n-Dodecane (C12)

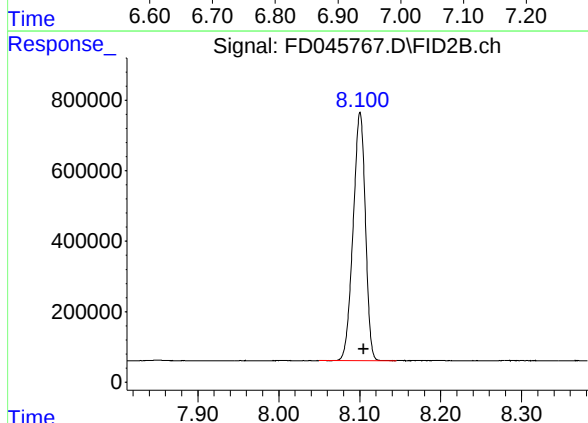
R.T.: 6.315 min
Delta R.T.: -0.004 min
Response: 7414733
Conc: 48.92 ug/ml



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

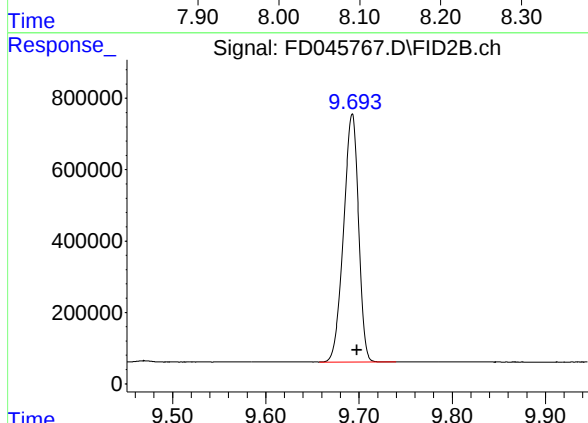
R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 7921962
Conc: 48.99 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



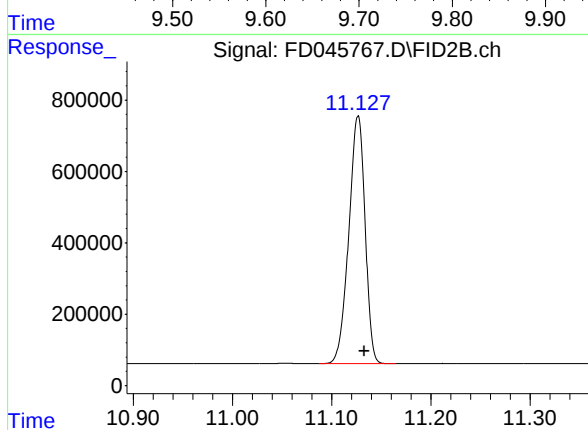
#6 n-Tetradecane (C14)

R.T.: 8.100 min
Delta R.T.: -0.004 min
Response: 7420763
Conc: 48.93 ug/ml



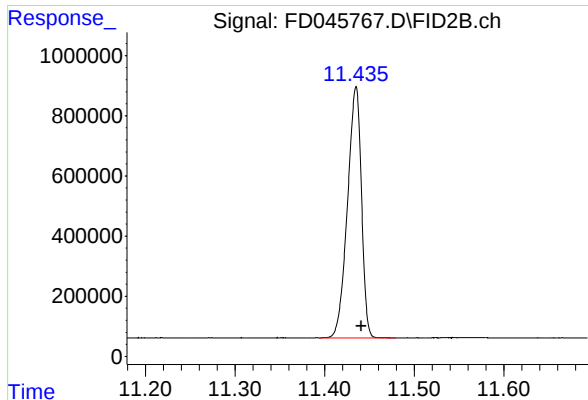
#7 n-Hexadecane (C16)

R.T.: 9.693 min
Delta R.T.: -0.005 min
Response: 7749789
Conc: 49.00 ug/ml



#8 n-Octadecane (C18)

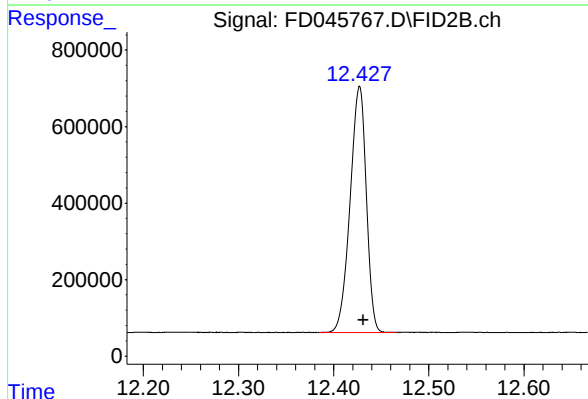
R.T.: 11.127 min
Delta R.T.: -0.006 min
Response: 7902209
Conc: 49.06 ug/ml



#9 ortho-Terphenyl (SURR)

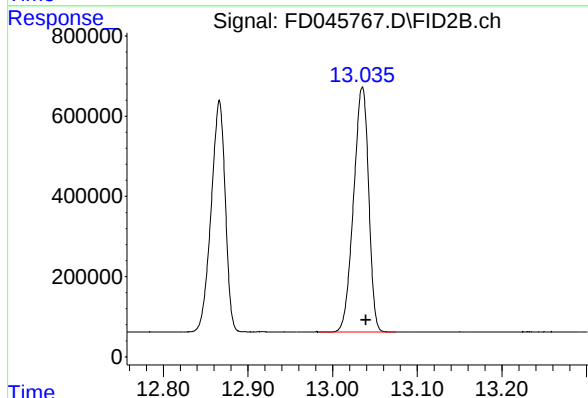
R.T.: 11.435 min
Delta R.T.: -0.006 min
Response: 9029265
Conc: 49.06 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



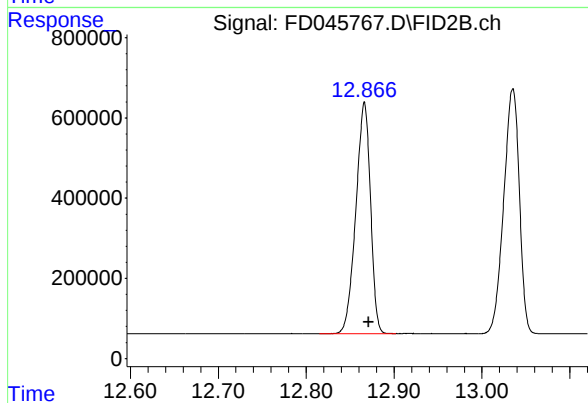
#10 n-Eicosane (C20)

R.T.: 12.427 min
Delta R.T.: -0.004 min
Response: 7661844
Conc: 49.11 ug/ml



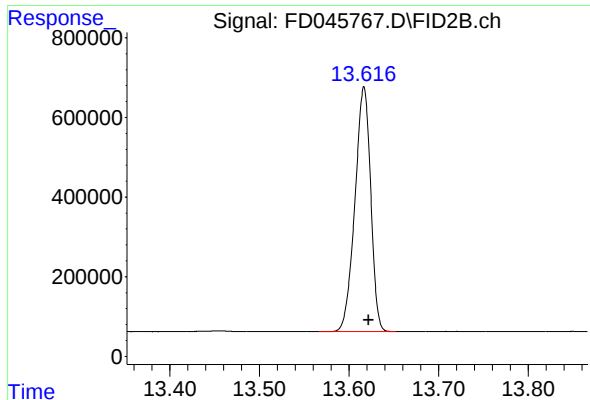
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: -0.004 min
Response: 7555192
Conc: 49.19 ug/ml



#12 1-chlorooctadecane (SURR)

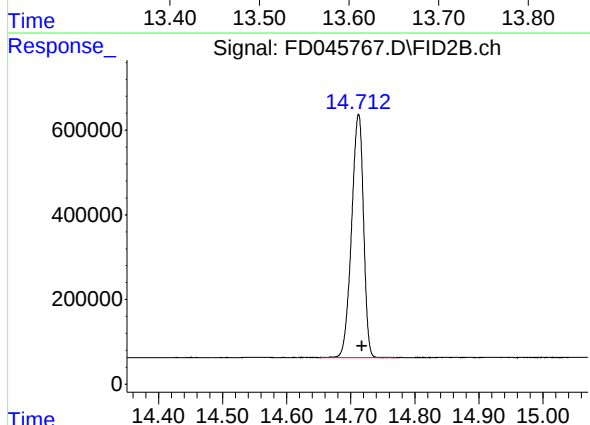
R.T.: 12.866 min
Delta R.T.: -0.005 min
Response: 6678125
Conc: 49.11 ug/ml



#13 n-Docosane (C22)

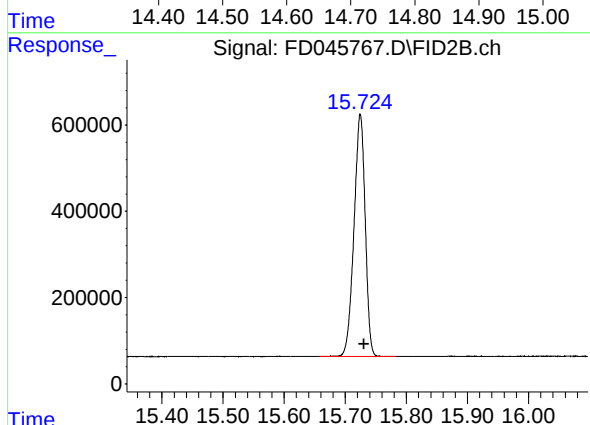
R.T.: 13.617 min
Delta R.T.: -0.005 min
Response: 7508737
Conc: 49.17 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



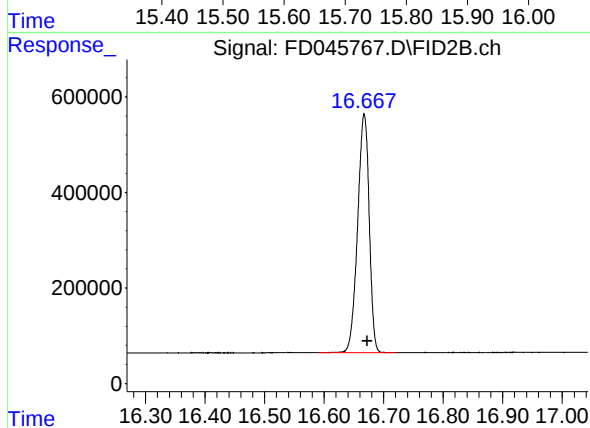
#14 n-Tetracosane (C24)

R.T.: 14.712 min
Delta R.T.: -0.005 min
Response: 7434548
Conc: 49.24 ug/ml



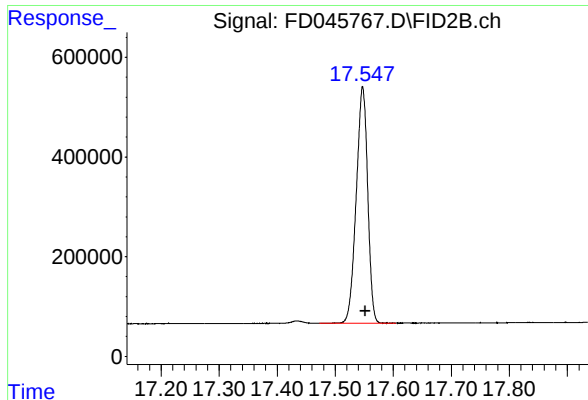
#15 n-Hexacosane (C26)

R.T.: 15.725 min
Delta R.T.: -0.006 min
Response: 7146594
Conc: 49.37 ug/ml



#16 n-Octacosane (C28)

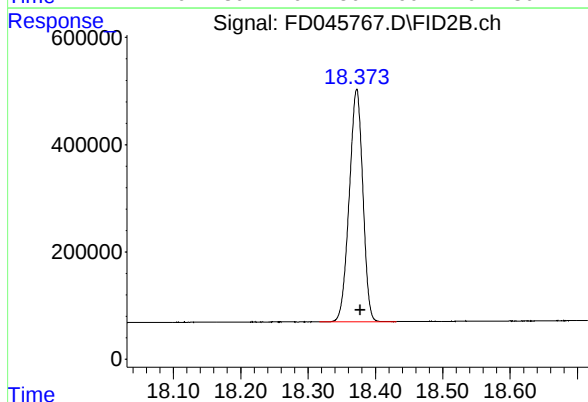
R.T.: 16.667 min
Delta R.T.: -0.005 min
Response: 6758200
Conc: 49.45 ug/ml



#17 n-Tricontane (C30)

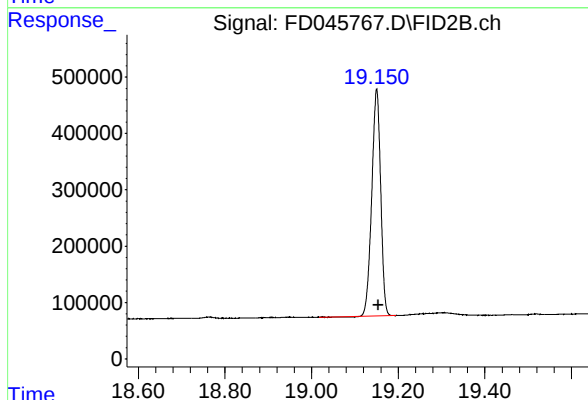
R.T.: 17.547 min
Delta R.T.: -0.004 min
Response: 6505451
Conc: 49.51 ug/ml

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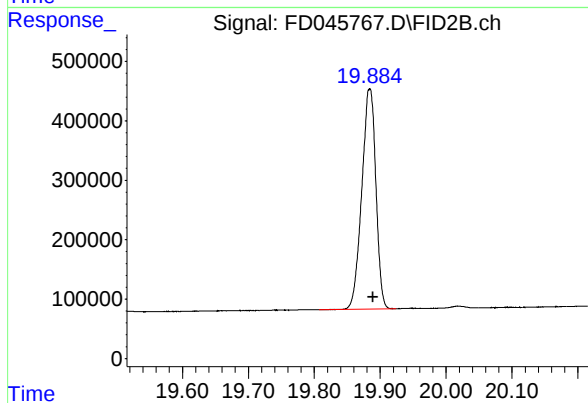
#18 n-Dotriacontane (C32)

R.T.: 18.372 min
Delta R.T.: -0.005 min
Response: 6079683
Conc: 49.33 ug/ml



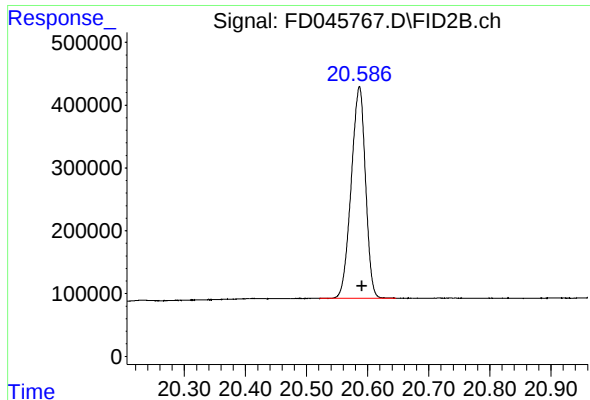
#19 n-Tetatriacontane (C34)

R.T.: 19.150 min
Delta R.T.: -0.004 min
Response: 5736756
Conc: 49.21 ug/ml



#20 n-Hexatriacontane (C36)

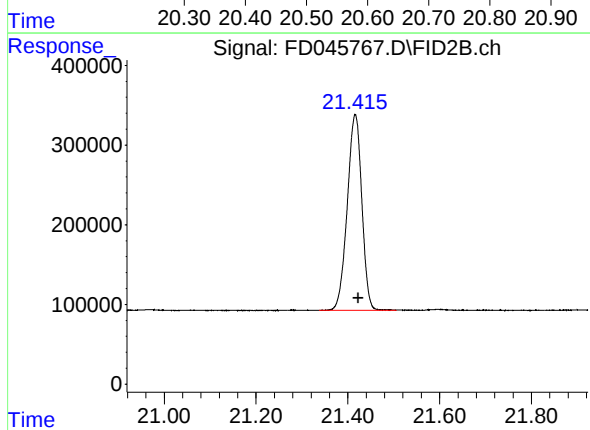
R.T.: 19.884 min
Delta R.T.: -0.005 min
Response: 5503930
Conc: 49.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.587 min
Delta R.T.: -0.004 min
Response: 5485319
Conc: 49.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.416 min
Delta R.T.: -0.007 min
Response: 5406699
Conc: 49.70 ug/ml