

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050423AL\
 Data File : FE041746.D
 Signal(s) : FID1B.ch
 Acq On : 04 May 2023 23:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 05 01:19:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.975	3486399	18.583 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
12) S 1-chlorooctadecane (S...	13.411	2572367	18.209 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.352	2773014	18.865 ug/ml
2) T n-Decane (C10)	4.606	2874923	19.169 ug/ml
3) T A~Naphthalene (C11.7)	6.312	3173307	19.175 ug/ml
4) T n-Dodecane (C12)	6.774	2903349	19.095 ug/ml
5) T A~2-methylnaphthalene...	7.410	3094106	19.189 ug/ml
6) T n-Tetradecane (C14)	8.603	2908041	19.144 ug/ml
7) T n-Hexadecane (C16)	10.211	3033509	19.009 ug/ml
8) T n-Octadecane (C18)	11.656	3086875	18.832 ug/ml
10) T n-Eicosane (C20)	12.965	2975405	18.499 ug/ml
11) T n-Heneicosane (C21)	13.577	2917683	18.308 ug/ml
13) T n-Docosane (C22)	14.163	2900797	18.206 ug/ml
14) T n-Tetracosane (C24)	15.268	2890406	17.928 ug/ml
15) T n-Hexacosane (C26)	16.288	2797318	17.694 ug/ml
16) T n-Octacosane (C28)	17.238	2749301	17.867 ug/ml
17) T n-Tricontane (C30)	18.125	2833108	18.602 ug/ml
18) T n-Dotriacontane (C32)	18.958	2791182	18.735 ug/ml
19) T n-Tetratriacontane (C34)	19.743	2687395	19.076 ug/ml
20) T n-Hexatriacontane (C36)	20.483	2604741	19.478 ug/ml
21) T n-Octatriacontane (C38)	21.234	2657818	20.114 ug/ml
22) T n-Tetracontane (C40)	22.176	2704704	21.362 ug/ml

(f)=RT Delta > 1/2 Window

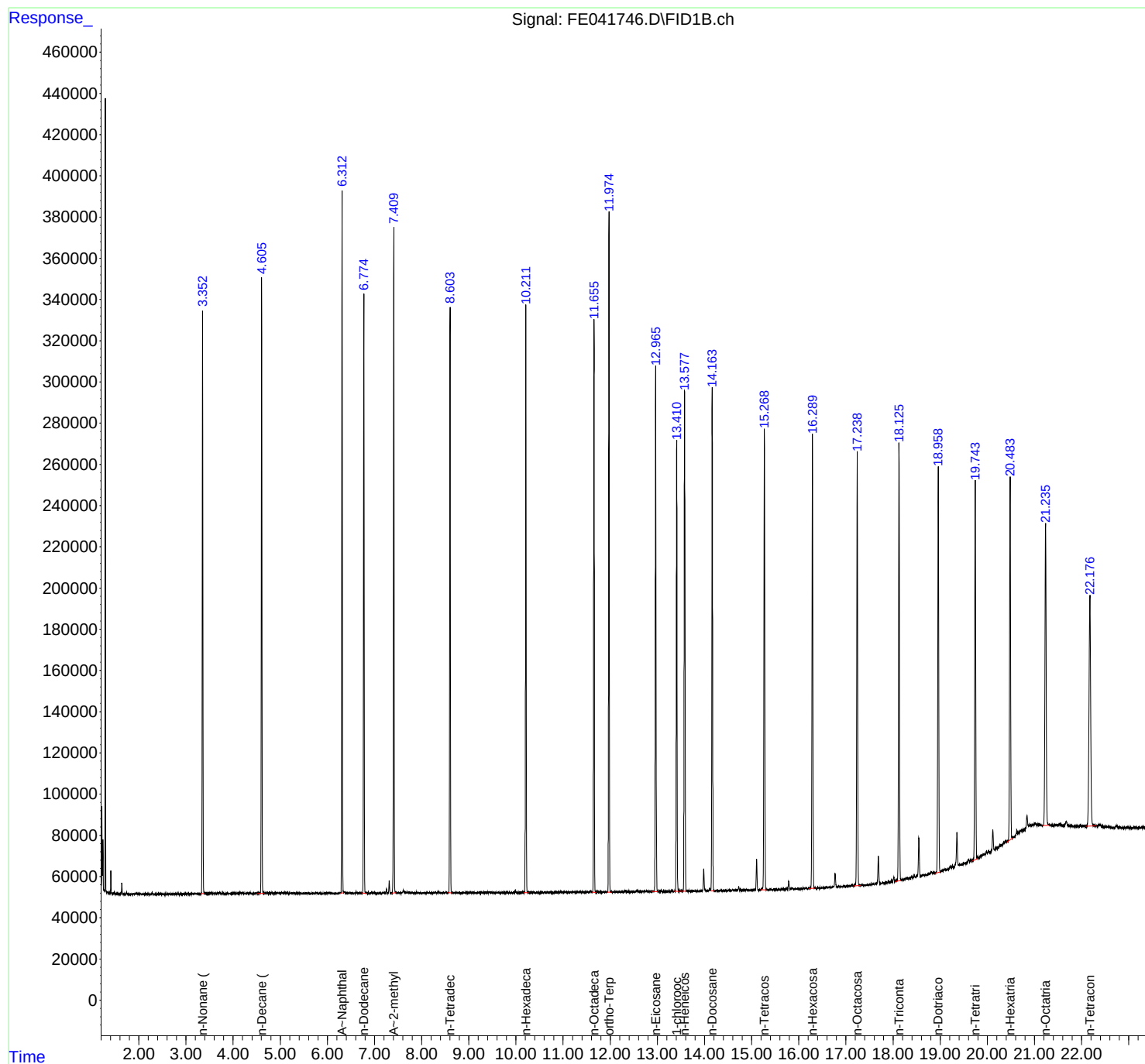
(m)=manual int.

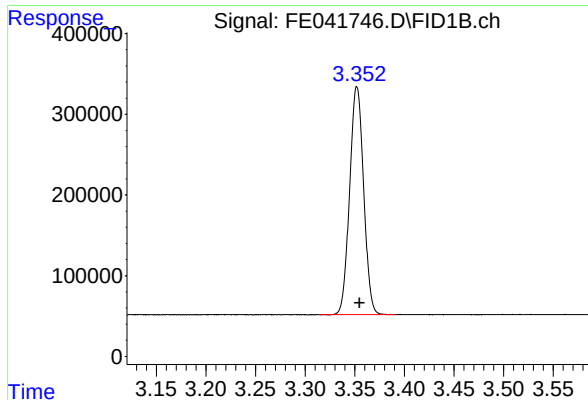
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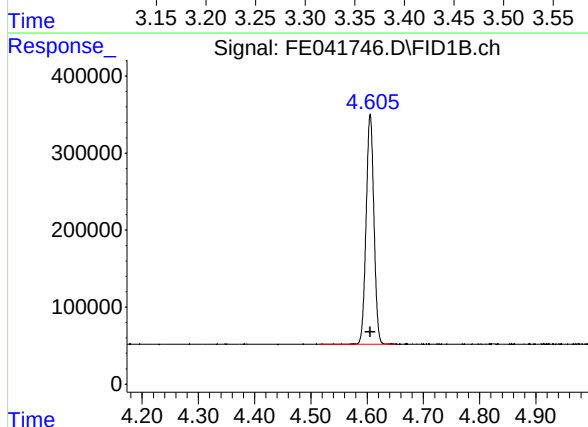




#1 n-Nonane (C9)

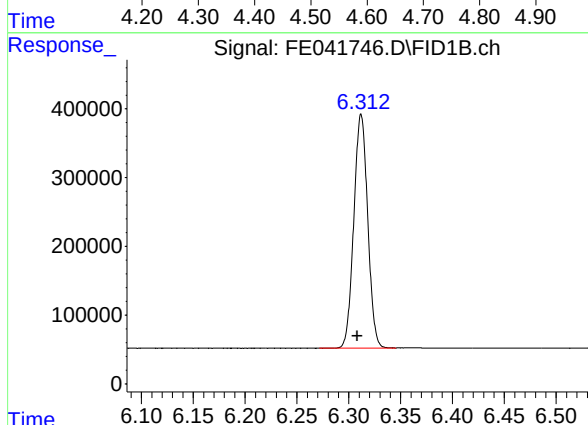
R.T.: 3.352 min
Delta R.T.: -0.003 min
Response: 2773014
Conc: 18.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



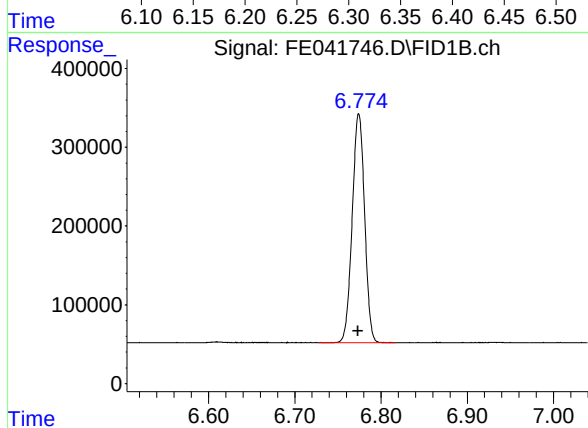
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2874923
Conc: 19.17 ug/ml



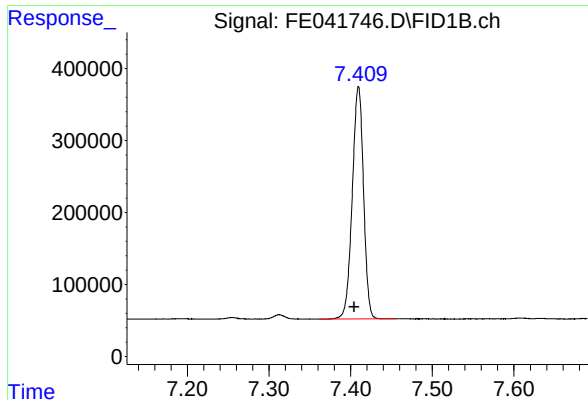
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: 0.004 min
Response: 3173307
Conc: 19.18 ug/ml



#4 n-Dodecane (C12)

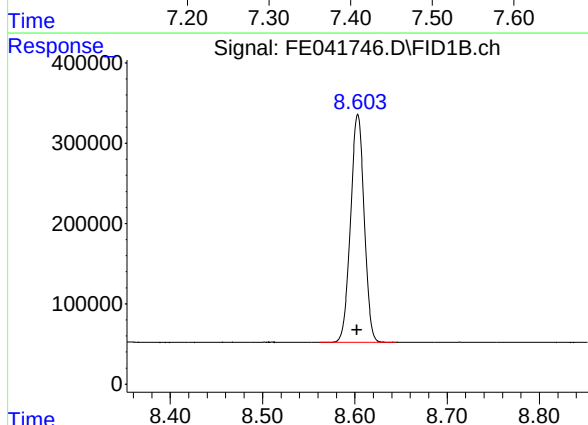
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 2903349
Conc: 19.10 ug/ml



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

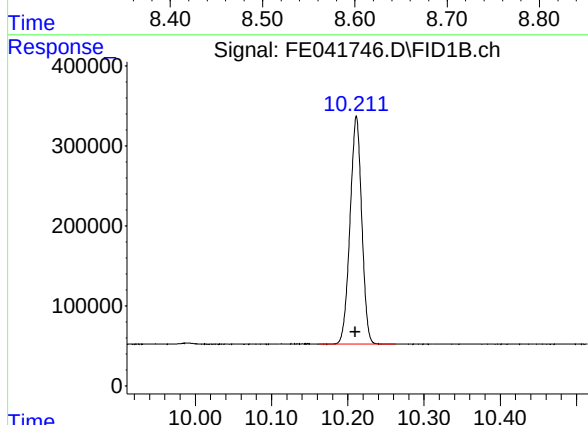
R.T.: 7.410 min
Delta R.T.: 0.005 min
Response: 3094106
Conc: 19.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



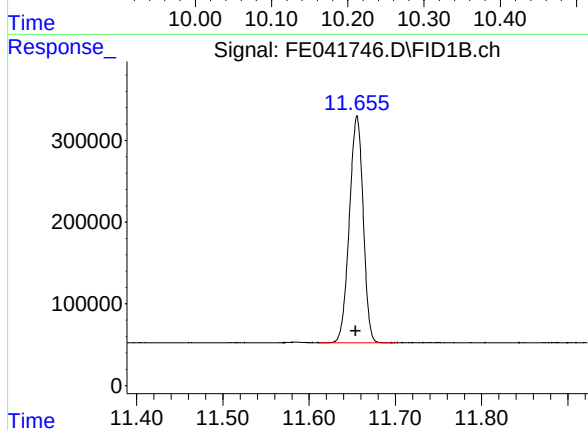
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: 0.001 min
Response: 2908041
Conc: 19.14 ug/ml



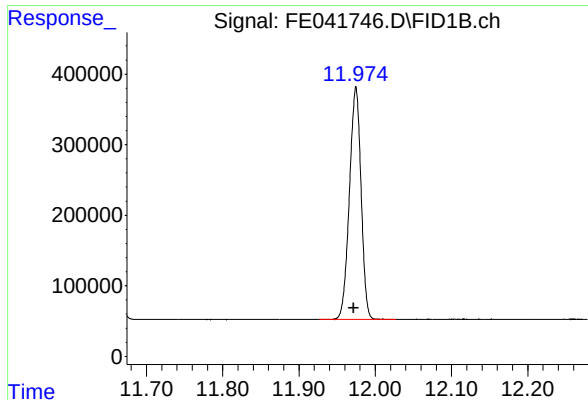
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.001 min
Response: 3033509
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

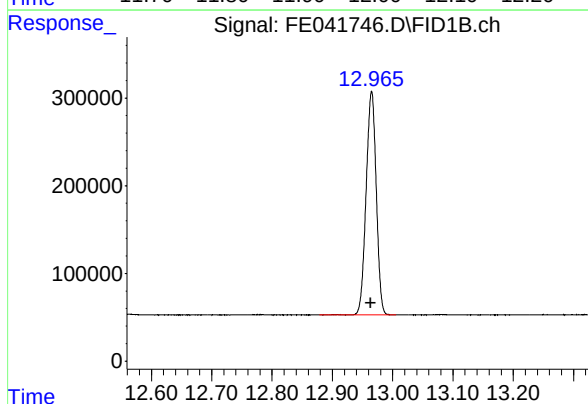
R.T.: 11.656 min
Delta R.T.: 0.002 min
Response: 3086875
Conc: 18.83 ug/ml



#9 ortho-Terphenyl (SURR)

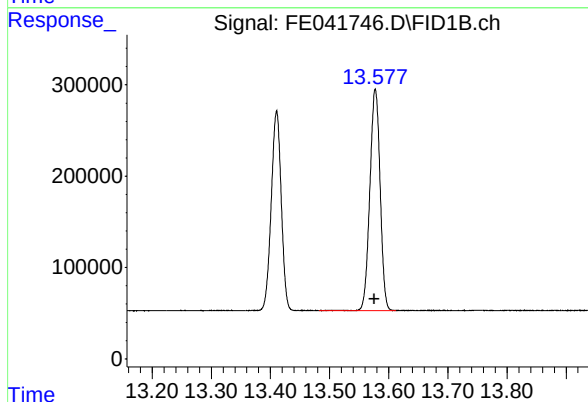
R.T.: 11.975 min
Delta R.T.: 0.003 min
Response: 3486399
Conc: 18.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



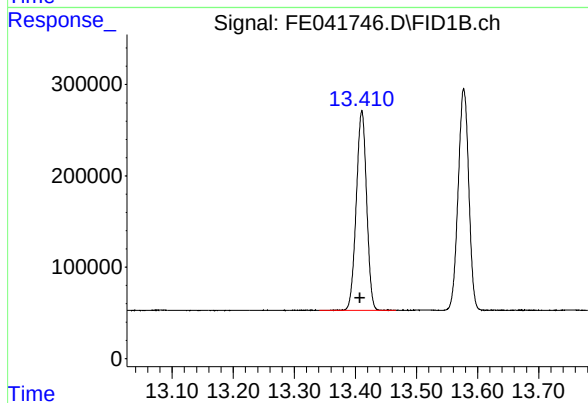
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.002 min
Response: 2975405
Conc: 18.50 ug/ml



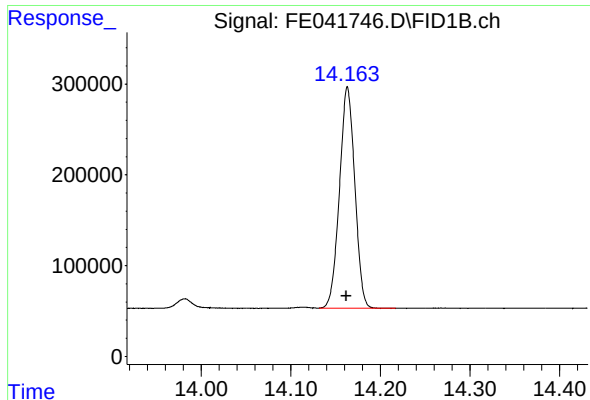
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.002 min
Response: 2917683
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

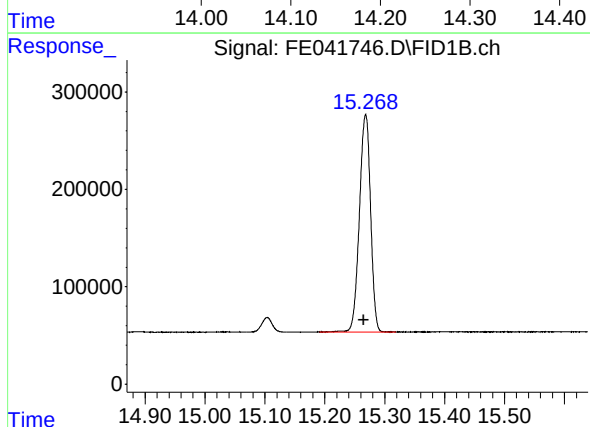
R.T.: 13.411 min
Delta R.T.: 0.003 min
Response: 2572367
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

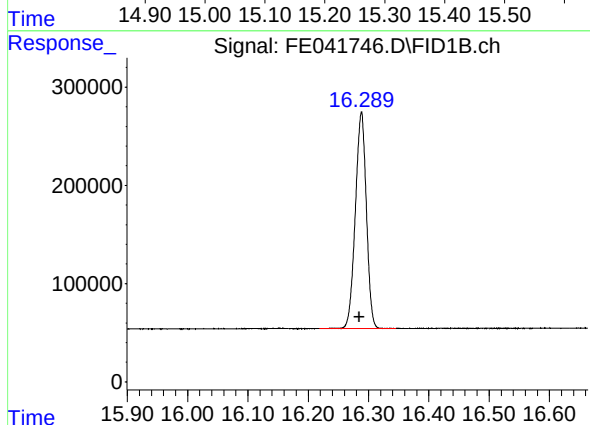
R.T.: 14.163 min
Delta R.T.: 0.001 min
Response: 2900797
Conc: 18.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



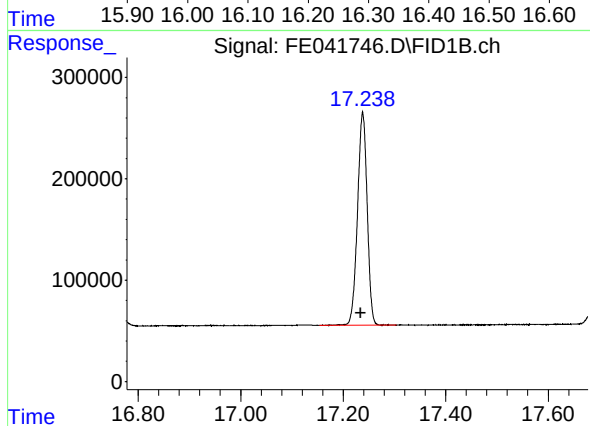
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.003 min
Response: 2890406
Conc: 17.93 ug/ml



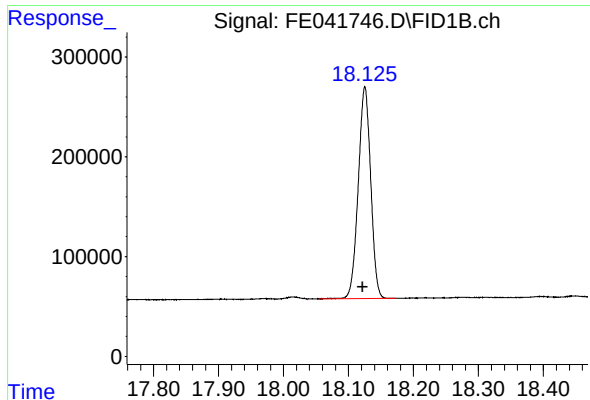
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.004 min
Response: 2797318
Conc: 17.69 ug/ml



#16 n-Octacosane (C28)

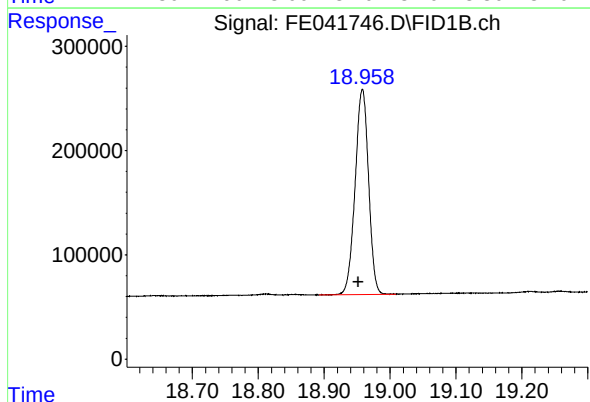
R.T.: 17.238 min
Delta R.T.: 0.004 min
Response: 2749301
Conc: 17.87 ug/ml



#17 n-Tricontane (C30)

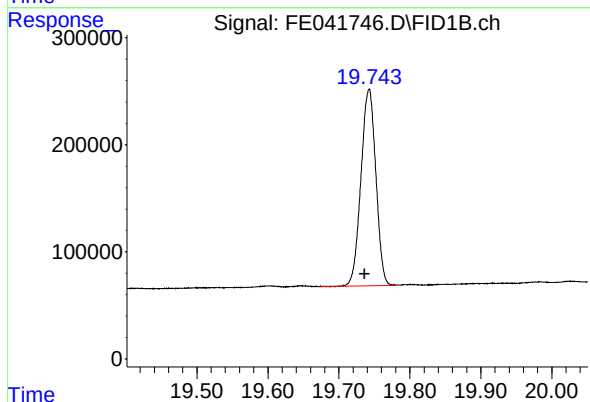
R.T.: 18.125 min
Delta R.T.: 0.004 min
Response: 2833108
Conc: 18.60 ug/ml

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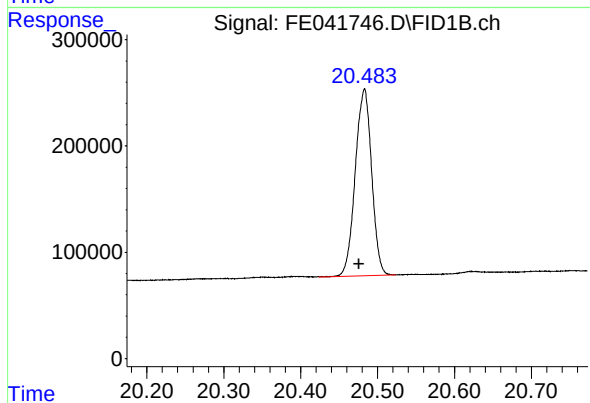
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.006 min
Response: 2791182
Conc: 18.74 ug/ml



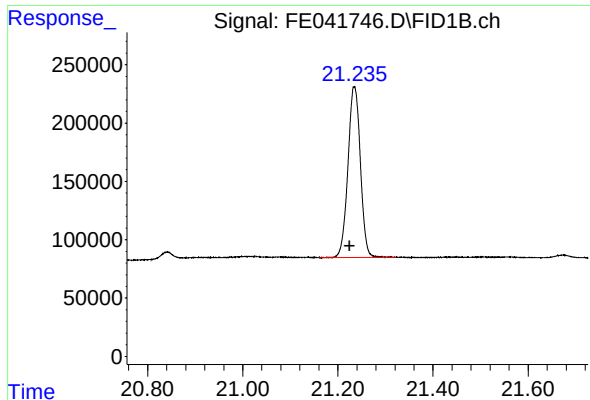
#19 n-Tetatriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.007 min
Response: 2687395
Conc: 19.08 ug/ml



#20 n-Hexatriacontane (C36)

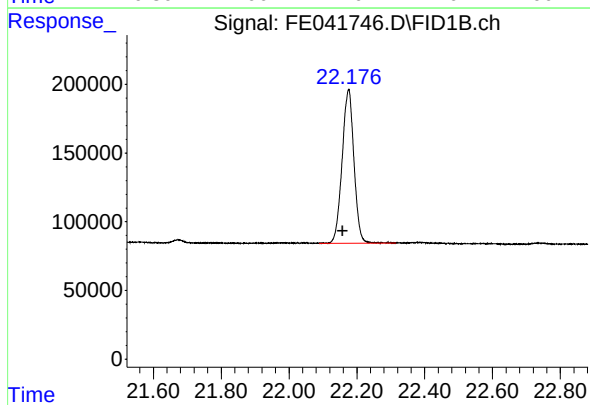
R.T.: 20.483 min
Delta R.T.: 0.007 min
Response: 2604741
Conc: 19.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.234 min
Delta R.T.: 0.010 min
Response: 2657818
Conc: 20.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.176 min
Delta R.T.: 0.017 min
Response: 2704704
Conc: 21.36 ug/ml