

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041023AL\
 Data File : FD045460.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2023 11:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 11 03:32:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:57:21 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)	11.441	3569968	21.292 ug/ml
Spiked Amount 50.000		Recovery =	42.58%
12) S 1-chlorooctadecane (S...	12.874	2482177	20.782 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
Target Compounds			
1) T n-Nonane (C9)	3.262	3187276	20.925 ug/ml
2) T n-Decane (C10)	4.319	3195272	21.169 ug/ml
3) T A~Naphthalene (C11.7)	5.884	3643412	21.043 ug/ml
4) T n-Dodecane (C12)	6.323	3228085	21.160 ug/ml
5) T A~2-methylnaphthalene...	6.933	3398265	21.055 ug/ml
6) T n-Tetradecane (C14)	8.107	3245455	21.207 ug/ml
7) T n-Hexadecane (C16)	9.701	3308229	21.243 ug/ml
8) T n-Octadecane (C18)	11.134	3352431	21.405 ug/ml
10) T n-Eicosane (C20)	12.434	3180121	21.446 ug/ml
11) T n-Heneicosane (C21)	13.043	3148194	21.394 ug/ml
13) T n-Docosane (C22)	13.625	3093310	21.433 ug/ml
14) T n-Tetracosane (C24)	14.721	2983807	21.378 ug/ml
15) T n-Hexacosane (C26)	15.734	2867920	21.341 ug/ml
16) T n-Octacosane (C28)	16.677	2800267	21.295 ug/ml
17) T n-Tricontane (C30)	17.556	2809610	21.561 ug/ml
18) T n-Dotriacontane (C32)	18.382	2822940	21.694 ug/ml
19) T n-Tetratriacontane (C34)	19.161	2689036	21.523 ug/ml
20) T n-Hexatriacontane (C36)	19.894	2390913	20.840 ug/ml
21) T n-Octatriacontane (C38)	20.598	2116292	19.287 ug/ml
22) T n-Tetracontane (C40)	21.432	1713777	15.975 ug/ml

(f)=RT Delta > 1/2 Window

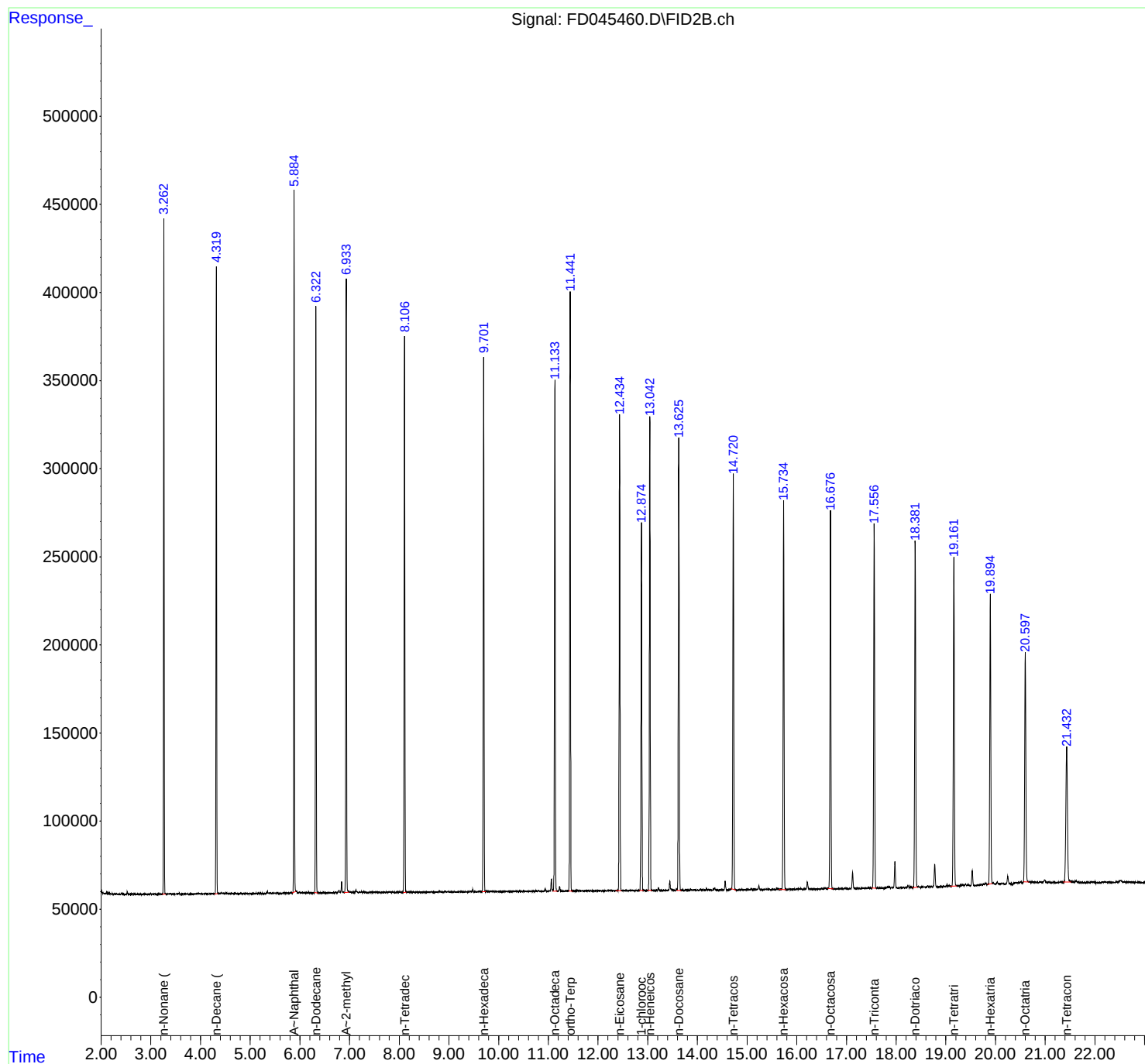
(m)=manual int.

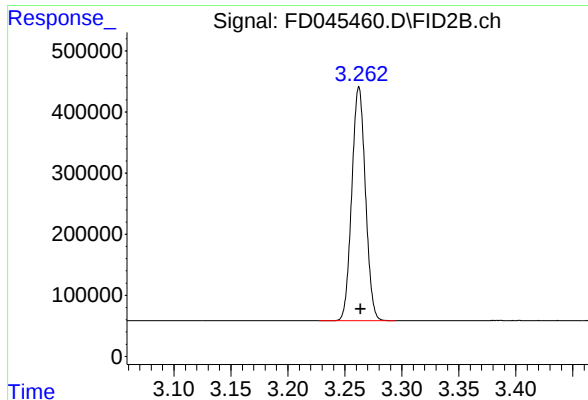
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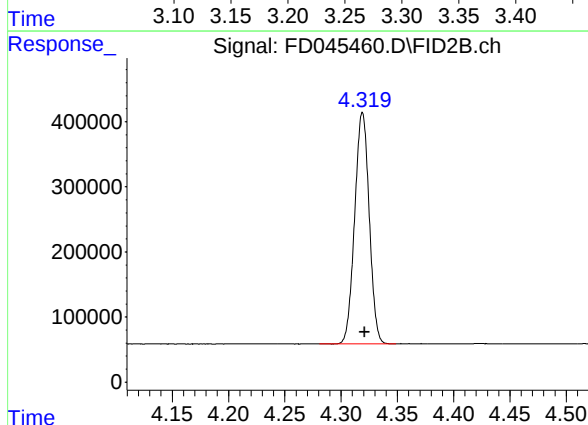




#1 n-Nonane (C9)

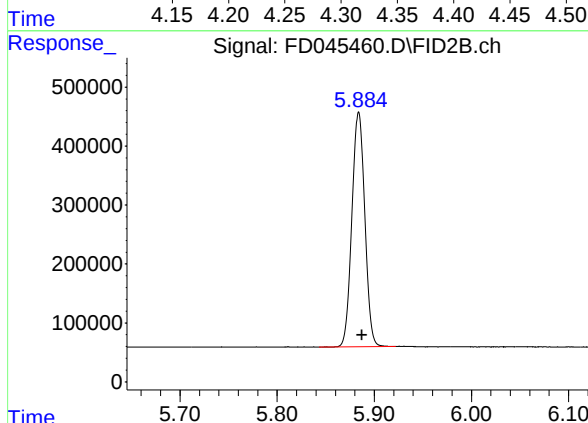
R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 3187276
Conc: 20.93 ug/ml

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20 PPM ALIPHATIC HC STD



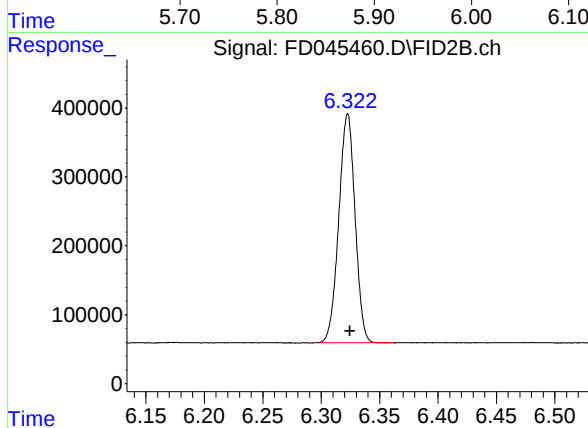
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.002 min
Response: 3195272
Conc: 21.17 ug/ml



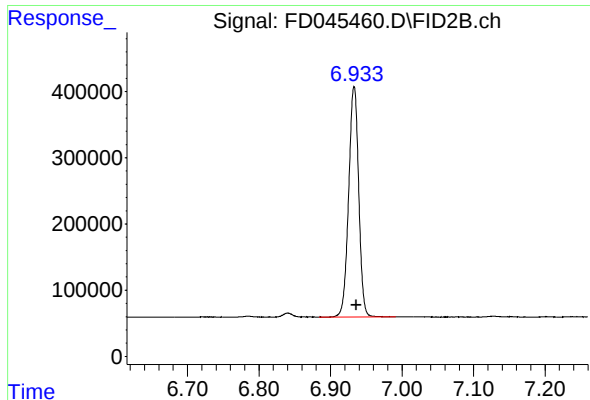
#3 A~Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: 3643412
Conc: 21.04 ug/ml



#4 n-Dodecane (C12)

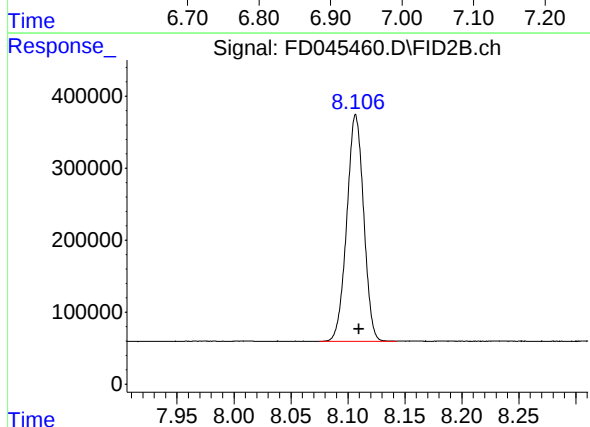
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 3228085
Conc: 21.16 ug/ml



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

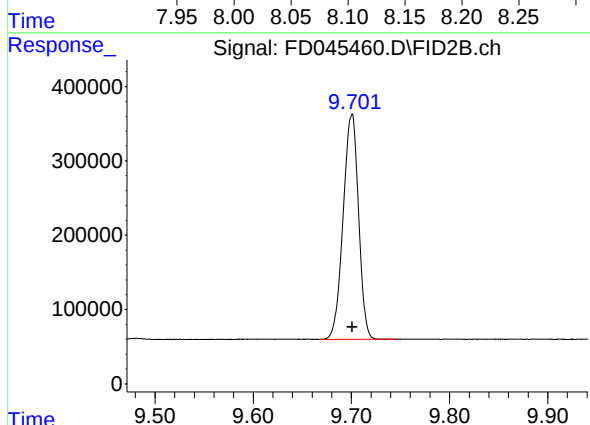
R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 3398265
Conc: 21.06 ug/ml

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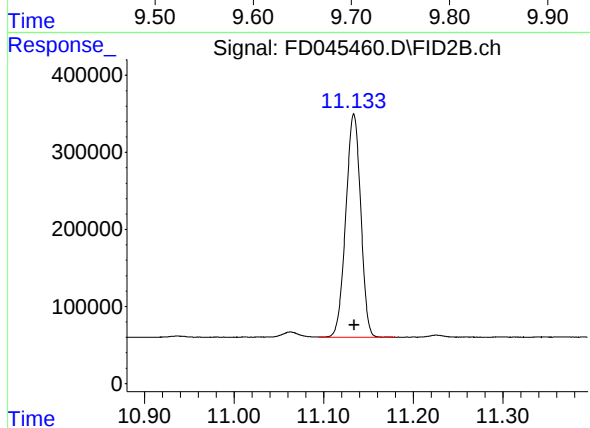
#6 n-Tetradecane (C14)

R.T.: 8.107 min
Delta R.T.: -0.003 min
Response: 3245455
Conc: 21.21 ug/ml



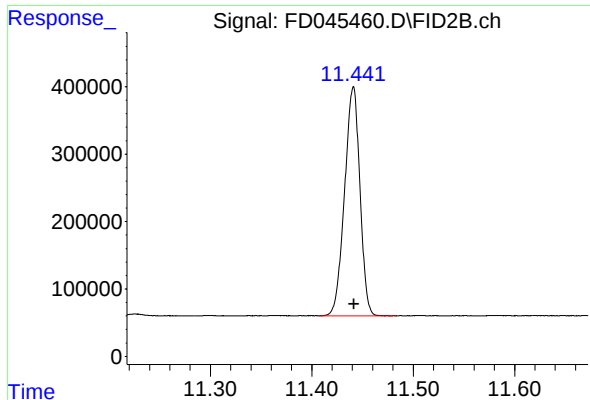
#7 n-Hexadecane (C16)

R.T.: 9.701 min
Delta R.T.: 0.000 min
Response: 3308229
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

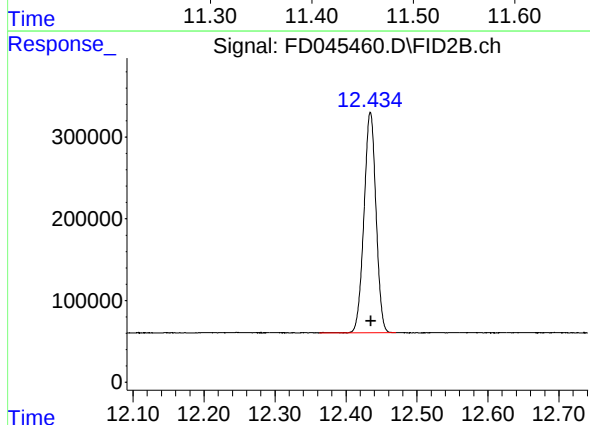
R.T.: 11.134 min
Delta R.T.: 0.000 min
Response: 3352431
Conc: 21.41 ug/ml



#9 ortho-Terphenyl (SURR)

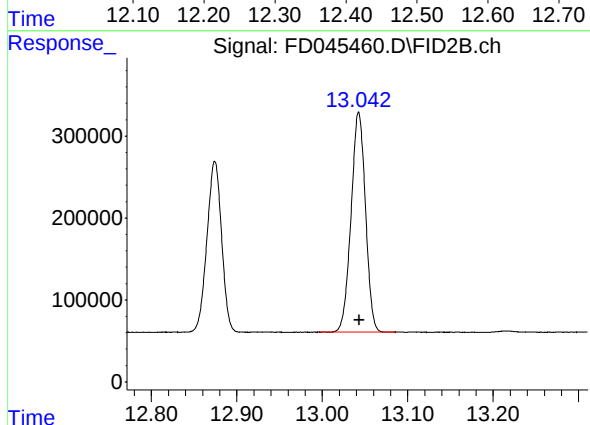
R.T.: 11.441 min
Delta R.T.: 0.000 min
Response: 3569968
Conc: 21.29 ug/ml

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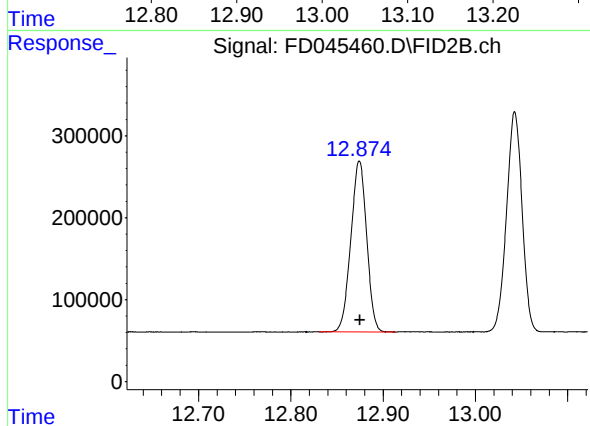
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: 0.000 min
Response: 3180121
Conc: 21.45 ug/ml



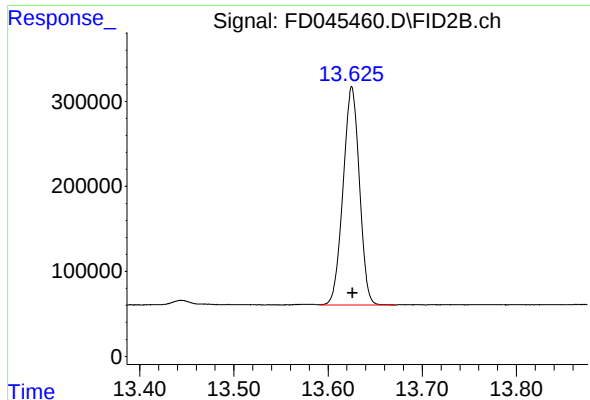
#11 n-Heneicosane (C21)

R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 3148194
Conc: 21.39 ug/ml



#12 1-chlorooctadecane (SURR)

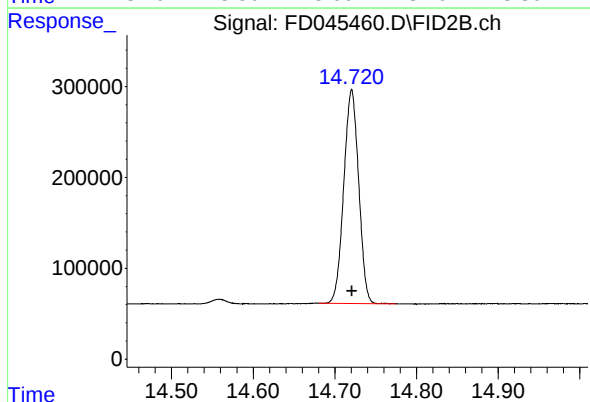
R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 2482177
Conc: 20.78 ug/ml



#13 n-Docosane (C22)

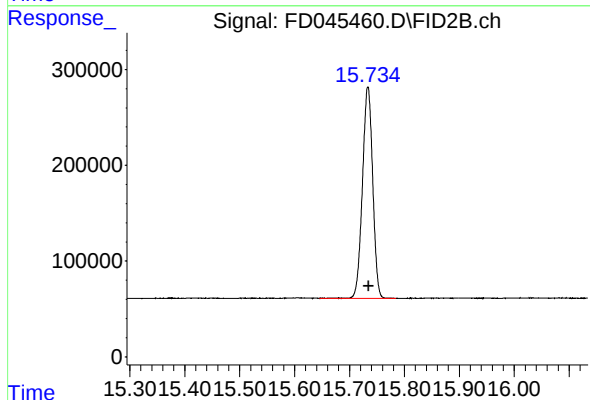
R.T.: 13.625 min
Delta R.T.: 0.000 min
Response: 3093310
Conc: 21.43 ug/ml

Instrument :
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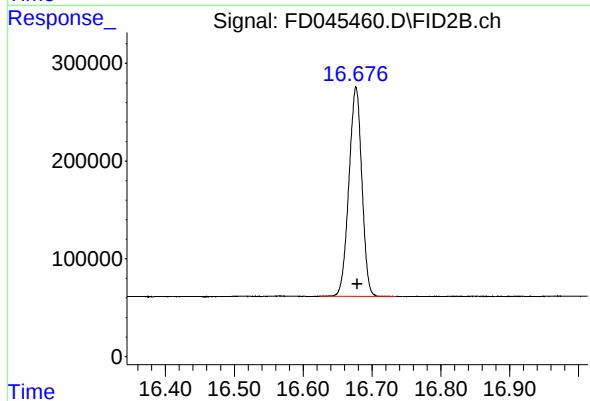
#14 n-Tetracosane (C24)

R.T.: 14.721 min
Delta R.T.: 0.000 min
Response: 2983807
Conc: 21.38 ug/ml



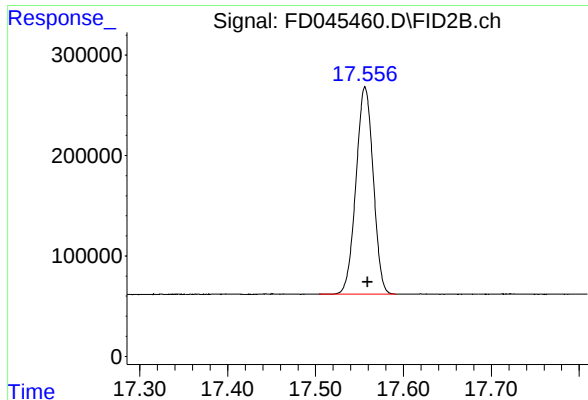
#15 n-Hexacosane (C26)

R.T.: 15.734 min
Delta R.T.: -0.001 min
Response: 2867920
Conc: 21.34 ug/ml



#16 n-Octacosane (C28)

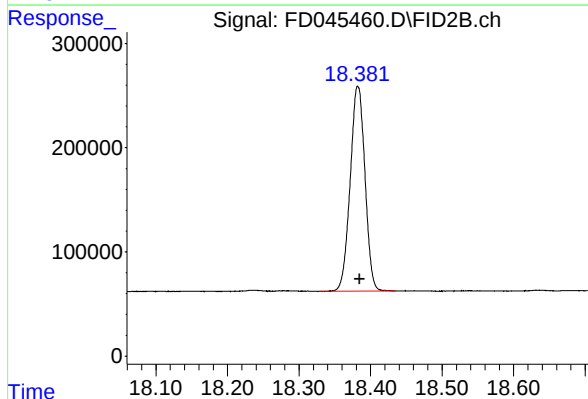
R.T.: 16.677 min
Delta R.T.: -0.002 min
Response: 2800267
Conc: 21.29 ug/ml



#17 n-Tricontane (C30)

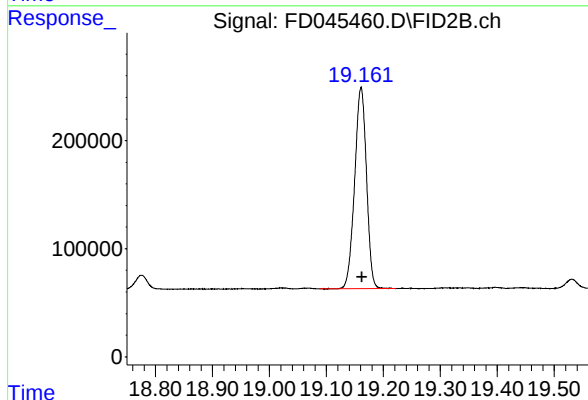
R.T.: 17.556 min
Delta R.T.: -0.003 min
Response: 2809610
Conc: 21.56 ug/ml

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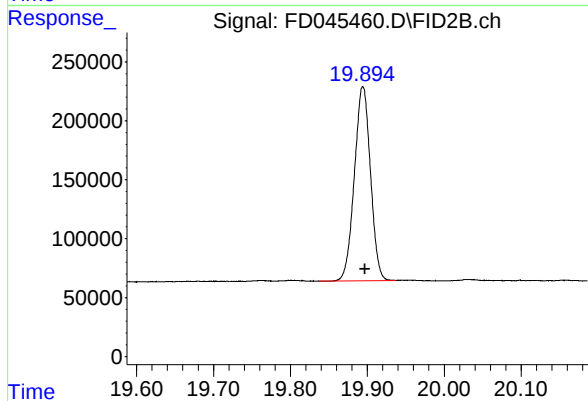
#18 n-Dotriacontane (C32)

R.T.: 18.382 min
Delta R.T.: -0.003 min
Response: 2822940
Conc: 21.69 ug/ml



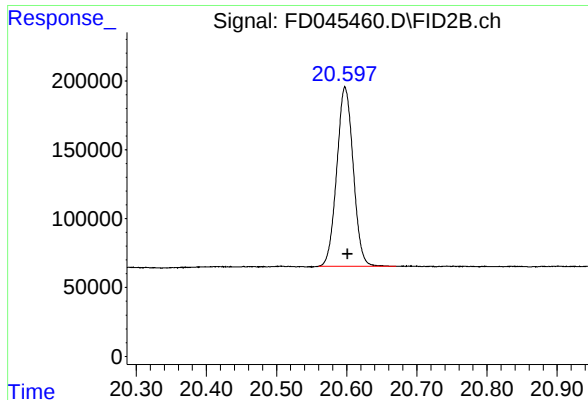
#19 n-Tetatriacontane (C34)

R.T.: 19.161 min
Delta R.T.: -0.002 min
Response: 2689036
Conc: 21.52 ug/ml



#20 n-Hexatriacontane (C36)

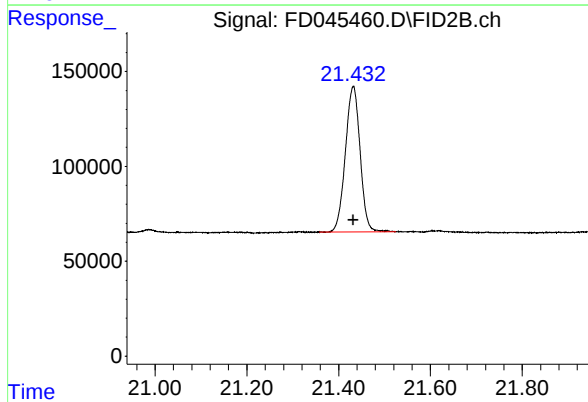
R.T.: 19.894 min
Delta R.T.: -0.003 min
Response: 2390913
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.598 min
Delta R.T.: -0.004 min
Response: 2116292
Conc: 19.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.432 min
Delta R.T.: 0.000 min
Response: 1713777
Conc: 15.98 ug/ml