

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047204.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 20:05
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 09 05:34:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 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)	11.356	3630451	20.101 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
12) S 1-chlorooctadecane (S...	12.793	2776623	20.062 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.198	3159620	20.194 ug/ml
2) T n-Decane (C10)	4.249	3240151	20.272 ug/ml
3) T A~Naphthalene (C11.7)	5.806	3541059	20.268 ug/ml
4) T n-Dodecane (C12)	6.249	3285364	20.256 ug/ml
5) T A~2-methylnaphthalene...	6.854	3452325	20.354 ug/ml
6) T n-Tetradecane (C14)	8.032	3274554	20.241 ug/ml
7) T n-Hexadecane (C16)	9.622	3388399	20.223 ug/ml
8) T n-Octadecane (C18)	11.055	3437888	20.200 ug/ml
10) T n-Eicosane (C20)	12.354	3310809	20.116 ug/ml
11) T n-Heneicosane (C21)	12.961	3257558	20.083 ug/ml
13) T n-Docosane (C22)	13.544	3236002	20.101 ug/ml
14) T n-Tetracosane (C24)	14.638	3195476	20.062 ug/ml
15) T n-Hexacosane (C26)	15.651	3112079	20.042 ug/ml
16) T n-Octacosane (C28)	16.593	2999533	20.040 ug/ml
17) T n-Tricontane (C30)	17.473	2951728	19.944 ug/ml
18) T n-Dotriacontane (C32)	18.299	2811520	19.938 ug/ml
19) T n-Tetratriacontane (C34)	19.075	2650338	20.023 ug/ml
20) T n-Hexatriacontane (C36)	19.808	2495474	20.059 ug/ml
21) T n-Octatriacontane (C38)	20.506	2410561	20.149 ug/ml
22) T n-Tetracontane (C40)	21.310	2329134	20.128 ug/ml

(f)=RT Delta > 1/2 Window

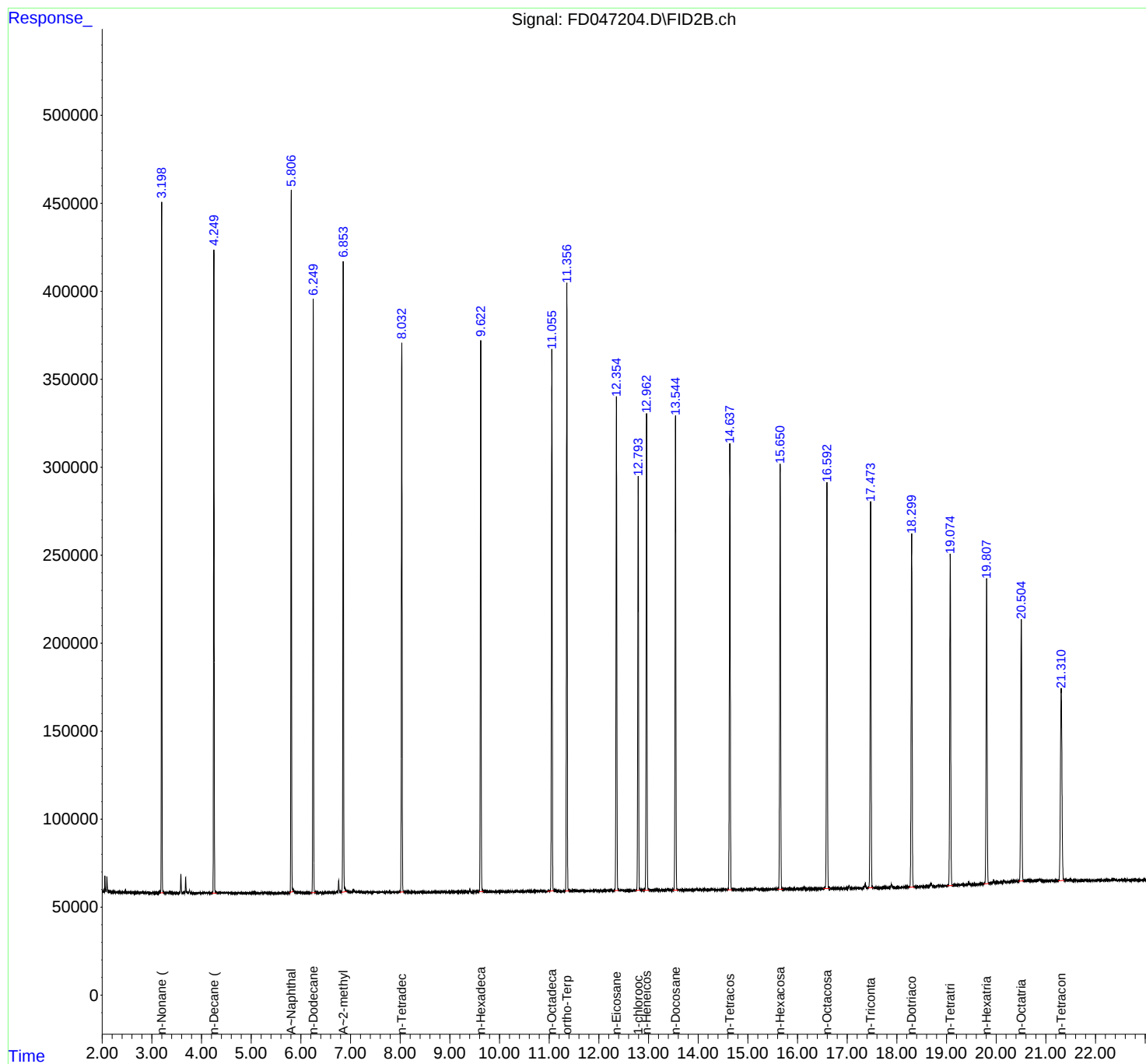
(m)=manual int.

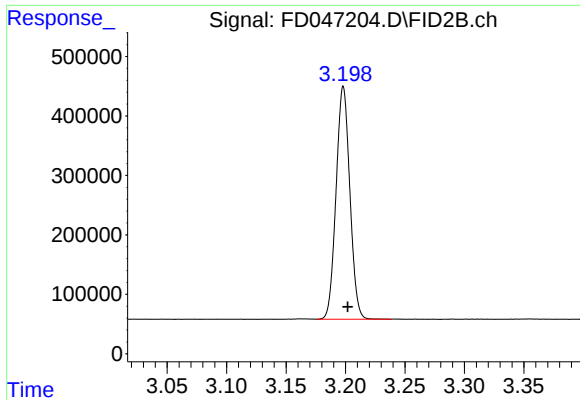
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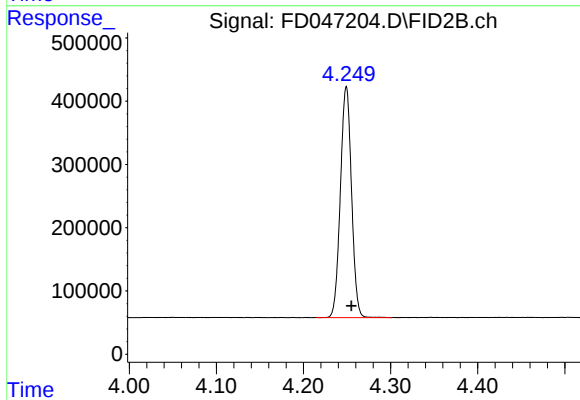




#1 n-Nonane (C9)

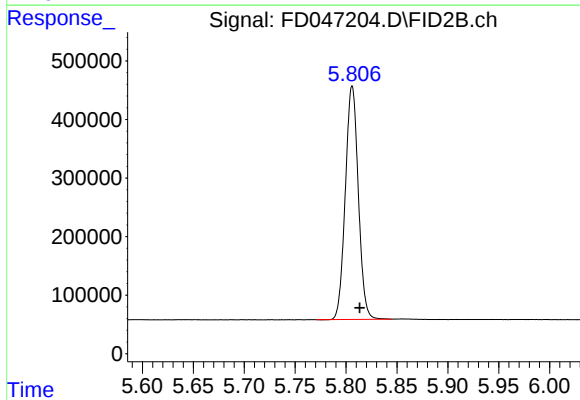
R.T.: 3.198 min
Delta R.T.: -0.004 min
Response: 3159620
Conc: 20.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



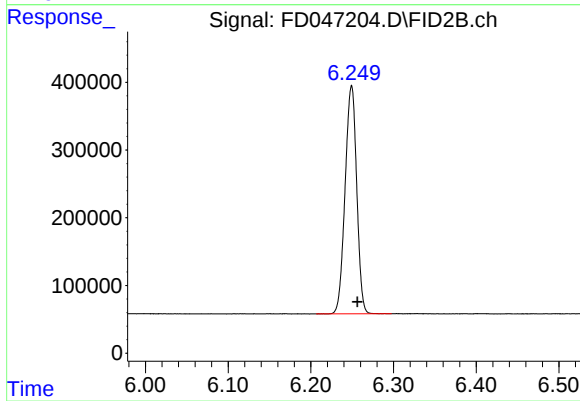
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 3240151
Conc: 20.27 ug/ml



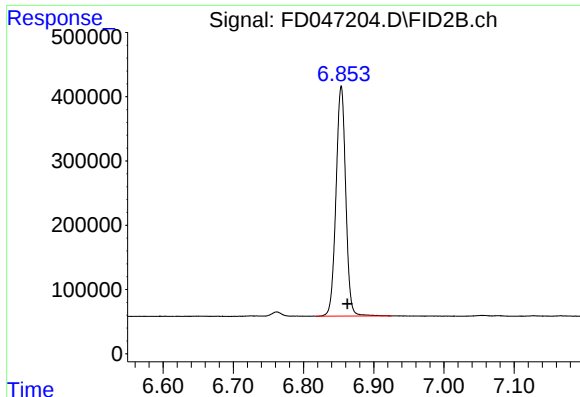
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.007 min
Response: 3541059
Conc: 20.27 ug/ml



#4 n-Dodecane (C12)

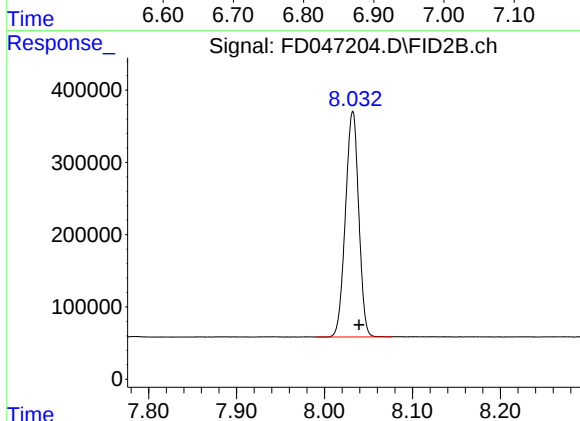
R.T.: 6.249 min
Delta R.T.: -0.007 min
Response: 3285364
Conc: 20.26 ug/ml



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

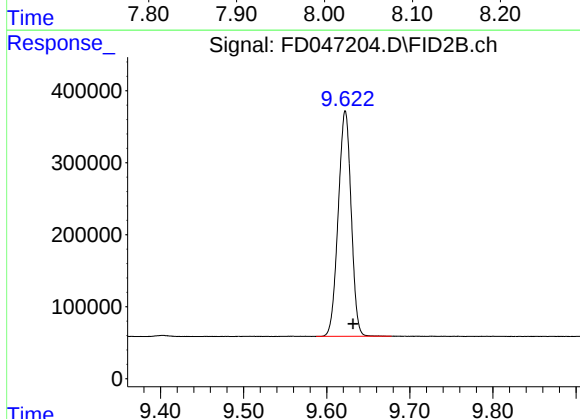
R.T.: 6.854 min
Delta R.T.: -0.009 min
Response: 3452325
Conc: 20.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



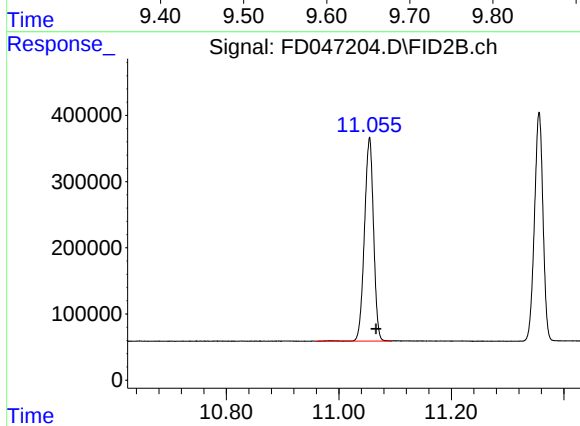
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.007 min
Response: 3274554
Conc: 20.24 ug/ml



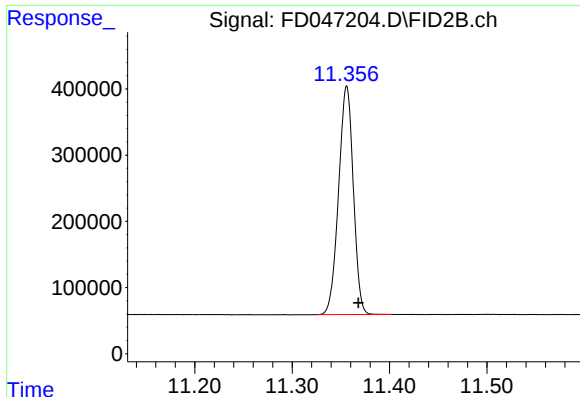
#7 n-Hexadecane (C16)

R.T.: 9.622 min
Delta R.T.: -0.009 min
Response: 3388399
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.055 min
Delta R.T.: -0.012 min
Response: 3437888
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

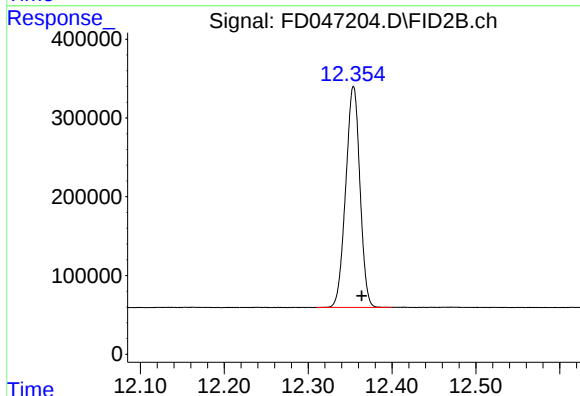
R.T.: 11.356 min
Delta R.T.: -0.012 min
Response: 3630451
Conc: 20.10 ug/ml

Instrument :

FID_D

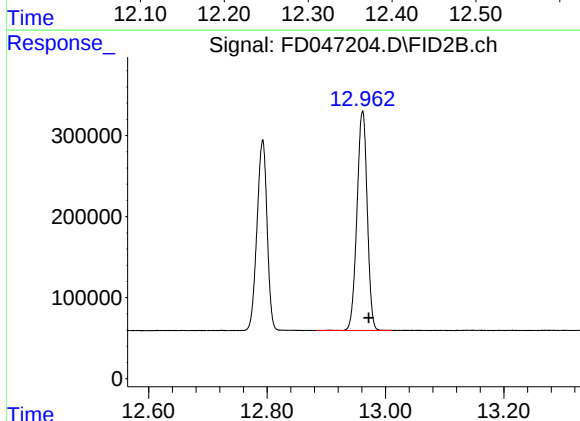
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



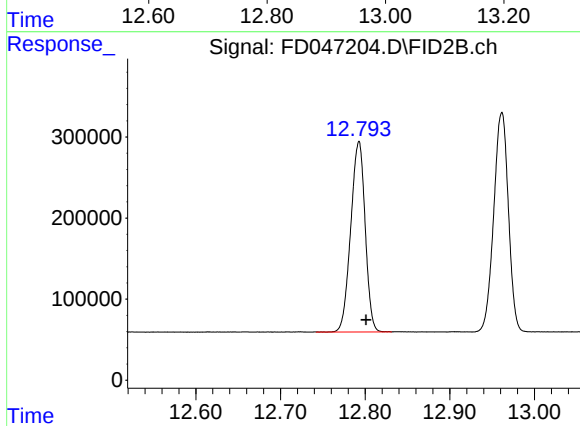
#10 n-Eicosane (C20)

R.T.: 12.354 min
Delta R.T.: -0.010 min
Response: 3310809
Conc: 20.12 ug/ml



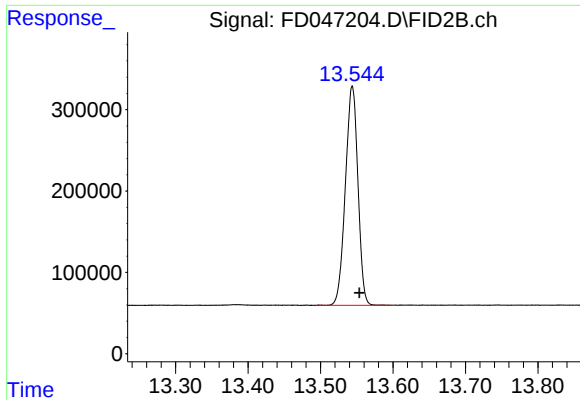
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: -0.010 min
Response: 3257558
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

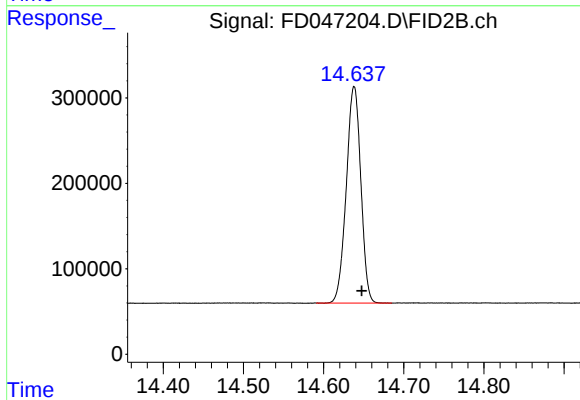
R.T.: 12.793 min
Delta R.T.: -0.009 min
Response: 2776623
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

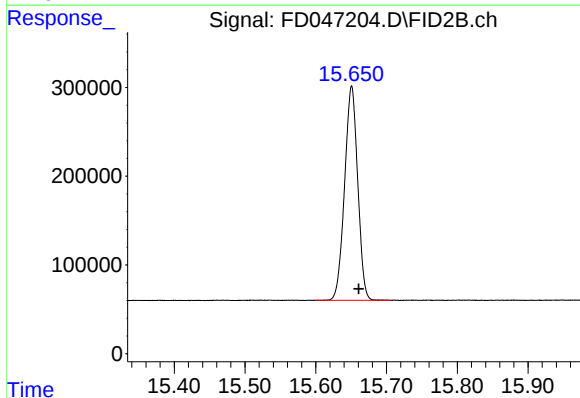
R.T.: 13.544 min
Delta R.T.: -0.010 min
Response: 3236002
Conc: 20.10 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



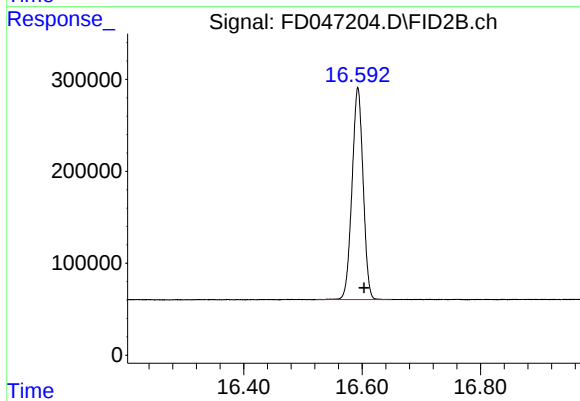
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: -0.009 min
Response: 3195476
Conc: 20.06 ug/ml



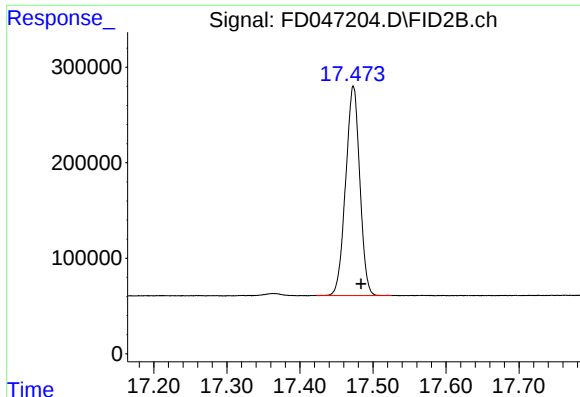
#15 n-Hexacosane (C26)

R.T.: 15.651 min
Delta R.T.: -0.010 min
Response: 3112079
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

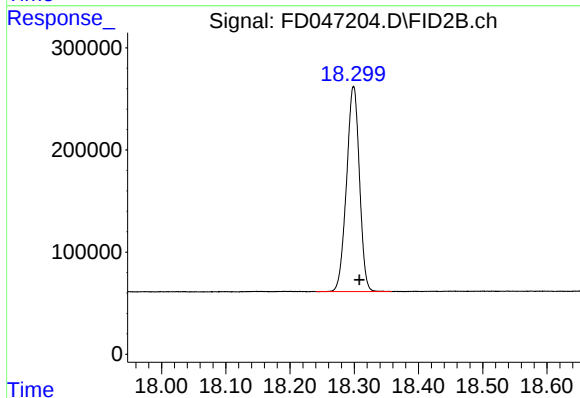
R.T.: 16.593 min
Delta R.T.: -0.010 min
Response: 2999533
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

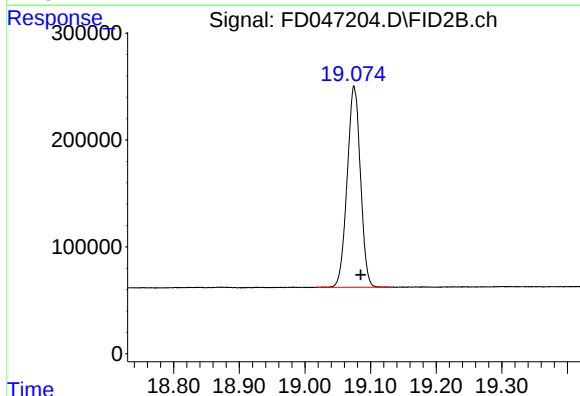
R.T.: 17.473 min
Delta R.T.: -0.010 min
Response: 2951728
Conc: 19.94 ug/ml

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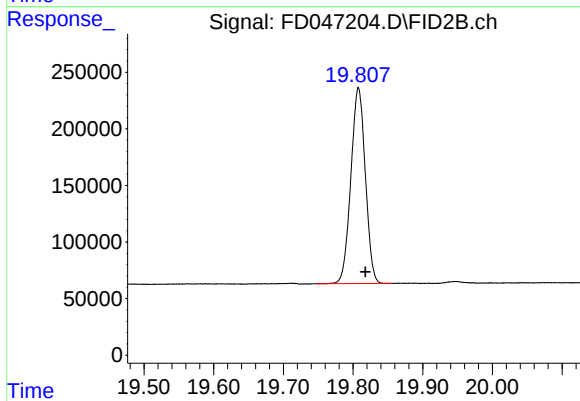
#18 n-Dotriacontane (C32)

R.T.: 18.299 min
Delta R.T.: -0.009 min
Response: 2811520
Conc: 19.94 ug/ml



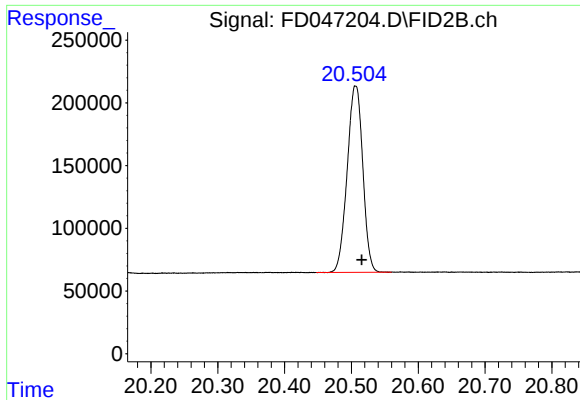
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: -0.010 min
Response: 2650338
Conc: 20.02 ug/ml



#20 n-Hexatriacontane (C36)

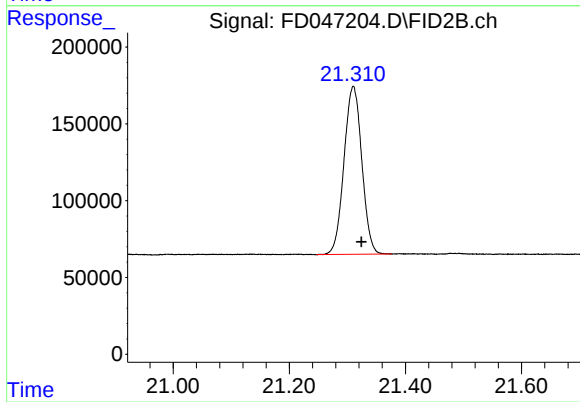
R.T.: 19.808 min
Delta R.T.: -0.010 min
Response: 2495474
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.506 min
Delta R.T.: -0.009 min
Response: 2410561
Conc: 20.15 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: -0.014 min
Response: 2329134
Conc: 20.13 ug/ml