

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047212.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2024 00:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 09 05:36:10 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)	11.357	3599234	19.928 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
12) S 1-chlorooctadecane (S...	12.793	2762234	19.958 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.198	3116608	19.920 ug/ml
2) T n-Decane (C10)	4.250	3189956	19.958 ug/ml
3) T A~Naphthalene (C11.7)	5.806	3514678	20.117 ug/ml
4) T n-Dodecane (C12)	6.249	3244772	20.006 ug/ml
5) T A~2-methylnaphthalene...	6.854	3409374	20.101 ug/ml
6) T n-Tetradecane (C14)	8.032	3243366	20.048 ug/ml
7) T n-Hexadecane (C16)	9.622	3354802	20.023 ug/ml
8) T n-Octadecane (C18)	11.055	3396681	19.958 ug/ml
10) T n-Eicosane (C20)	12.355	3280673	19.933 ug/ml
11) T n-Heneicosane (C21)	12.963	3225243	19.884 ug/ml
13) T n-Docosane (C22)	13.544	3205698	19.913 ug/ml
14) T n-Tetracosane (C24)	14.639	3176272	19.942 ug/ml
15) T n-Hexacosane (C26)	15.652	3100202	19.965 ug/ml
16) T n-Octacosane (C28)	16.593	2992198	19.991 ug/ml
17) T n-Tricontane (C30)	17.474	2969206	20.062 ug/ml
18) T n-Dotriacontane (C32)	18.299	2825098	20.034 ug/ml
19) T n-Tetratriacontane (C34)	19.075	2647105	19.999 ug/ml
20) T n-Hexatriacontane (C36)	19.810	2468768	19.845 ug/ml
21) T n-Octatriacontane (C38)	20.506	2363669	19.757 ug/ml
22) T n-Tetracontane (C40)	21.311	2268560	19.604 ug/ml

(f)=RT Delta > 1/2 Window

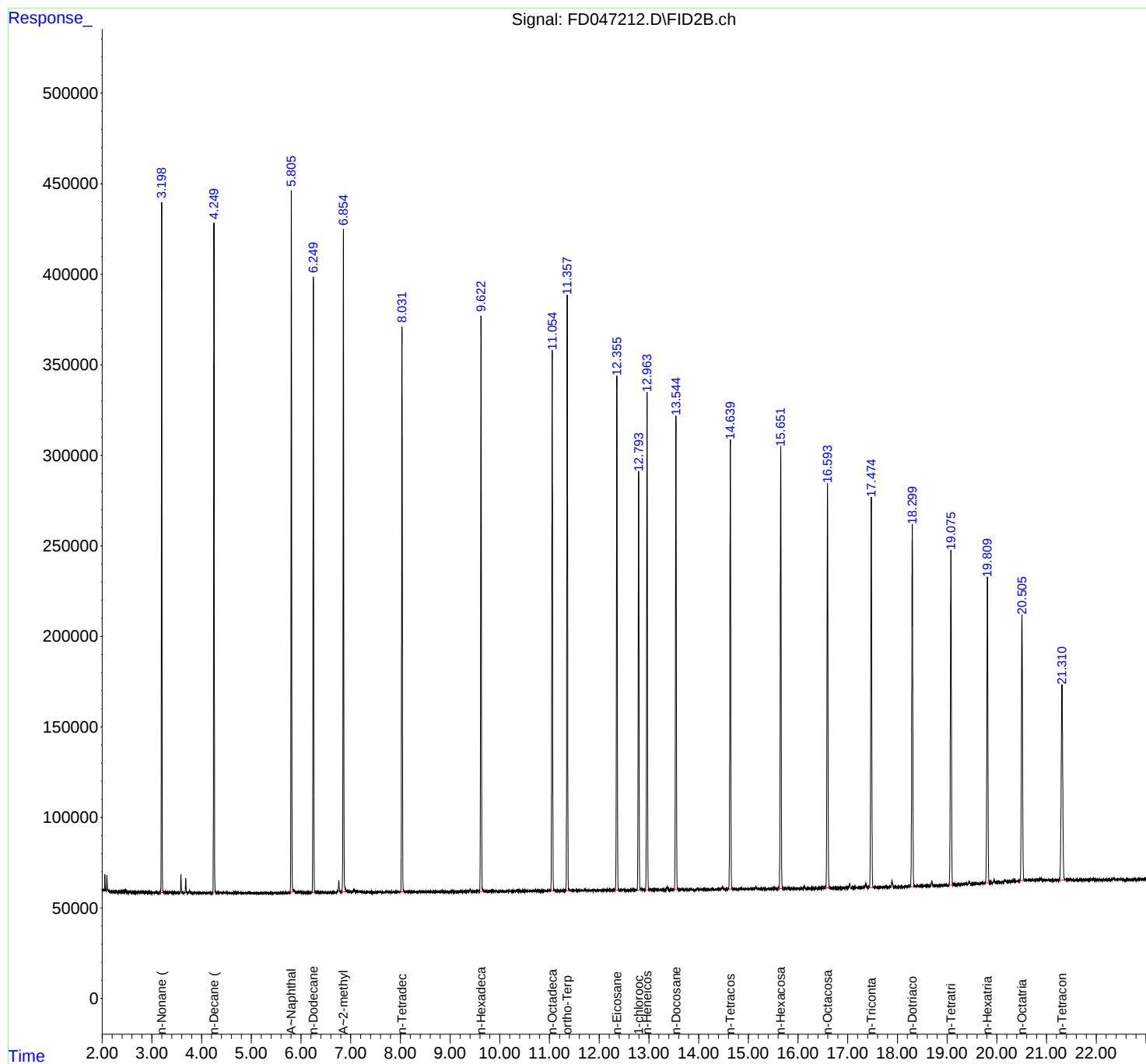
(m)=manual int.

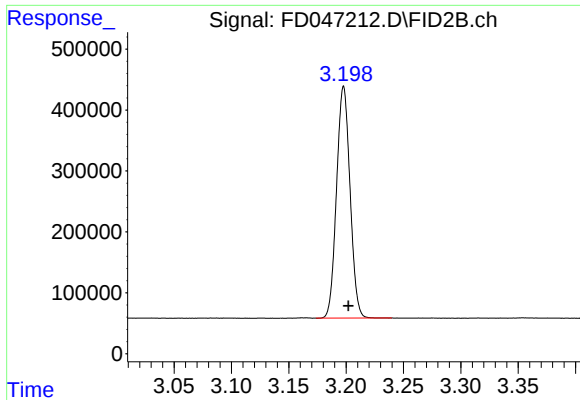
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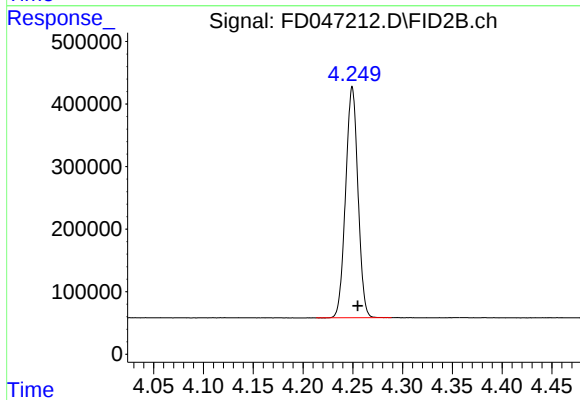




#1 n-Nonane (C9)

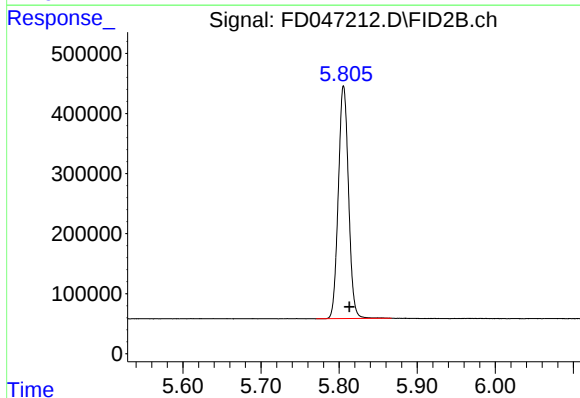
R.T.: 3.198 min
Delta R.T.: -0.004 min
Response: 3116608
Conc: 19.92 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



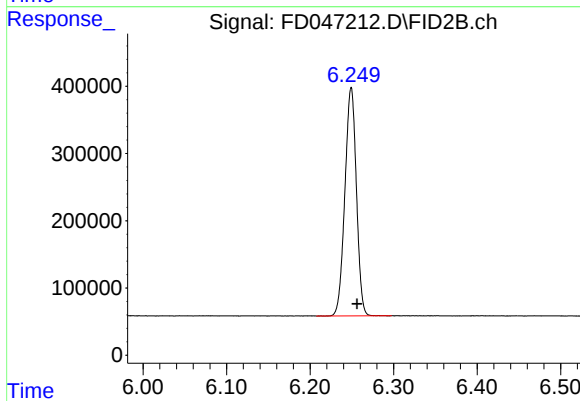
#2 n-Decane (C10)

R.T.: 4.250 min
Delta R.T.: -0.006 min
Response: 3189956
Conc: 19.96 ug/ml



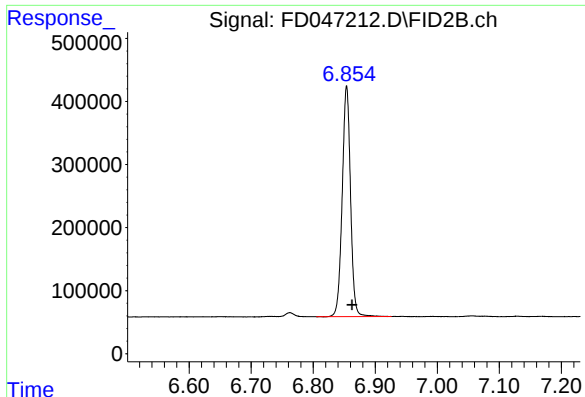
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.008 min
Response: 3514678
Conc: 20.12 ug/ml



#4 n-Dodecane (C12)

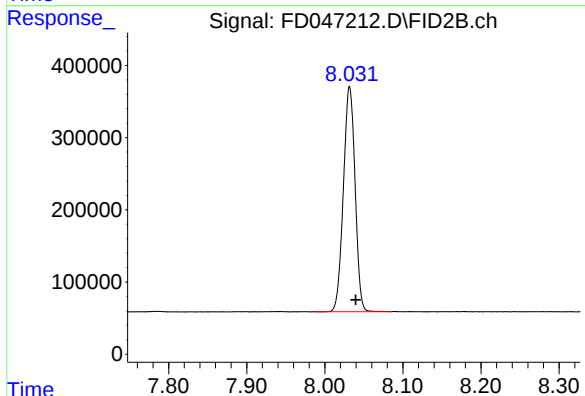
R.T.: 6.249 min
Delta R.T.: -0.007 min
Response: 3244772
Conc: 20.01 ug/ml



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

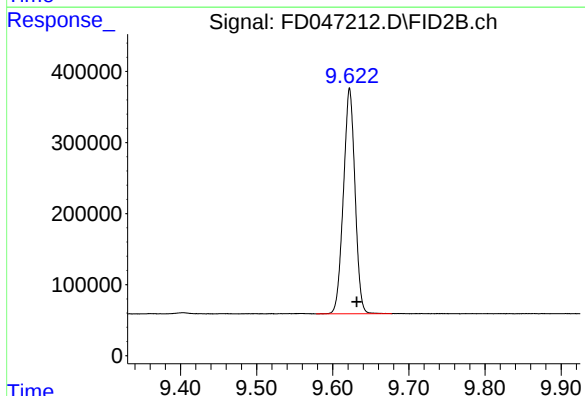
R.T.: 6.854 min
Delta R.T.: -0.009 min
Response: 3409374
Conc: 20.10 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



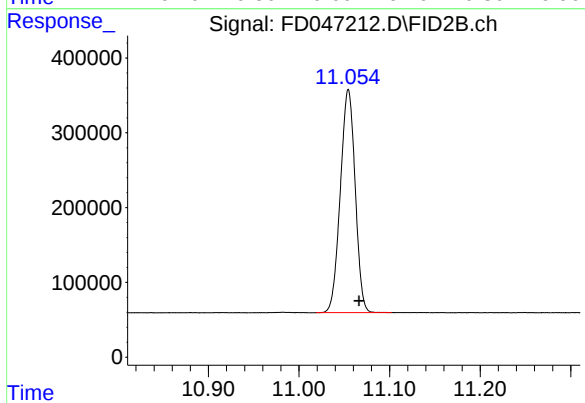
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.008 min
Response: 3243366
Conc: 20.05 ug/ml



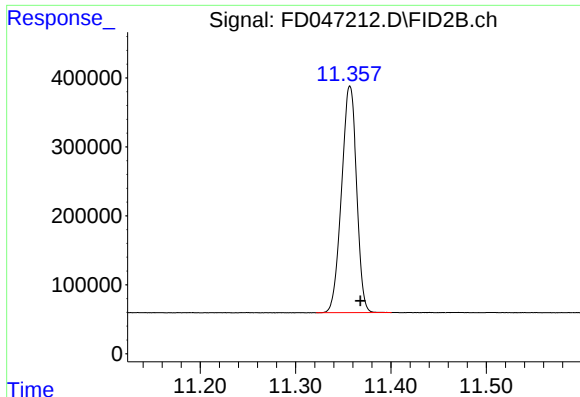
#7 n-Hexadecane (C16)

R.T.: 9.622 min
Delta R.T.: -0.009 min
Response: 3354802
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

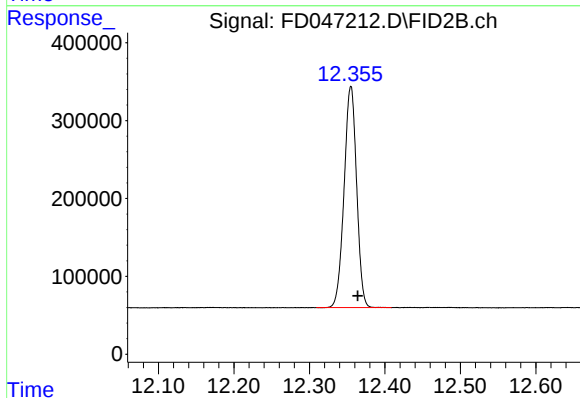
R.T.: 11.055 min
Delta R.T.: -0.012 min
Response: 3396681
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

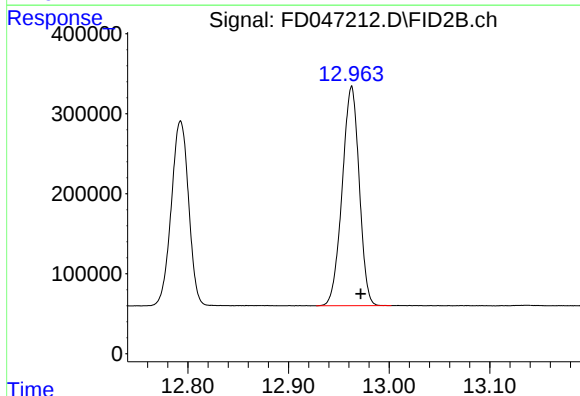
R.T.: 11.357 min
Delta R.T.: -0.011 min
Response: 3599234
Conc: 19.93 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



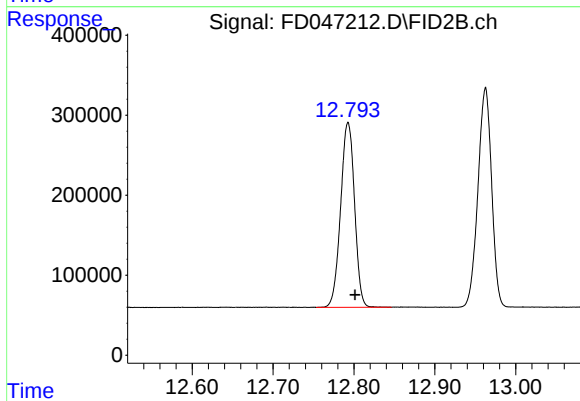
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: -0.009 min
Response: 3280673
Conc: 19.93 ug/ml



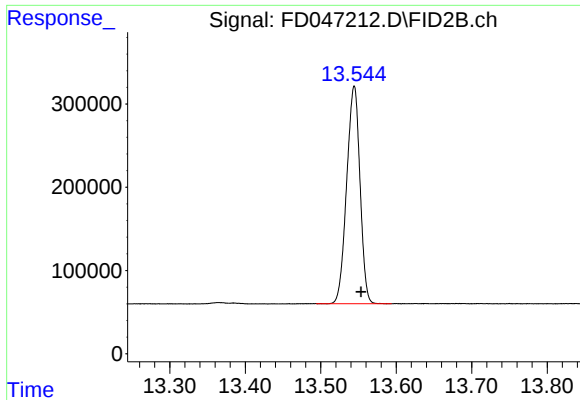
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: -0.009 min
Response: 3225243
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

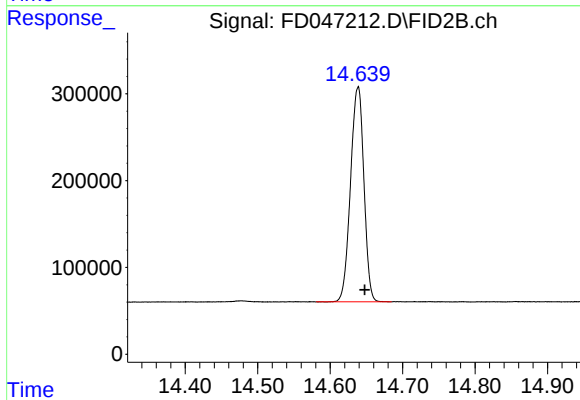
R.T.: 12.793 min
Delta R.T.: -0.009 min
Response: 2762234
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

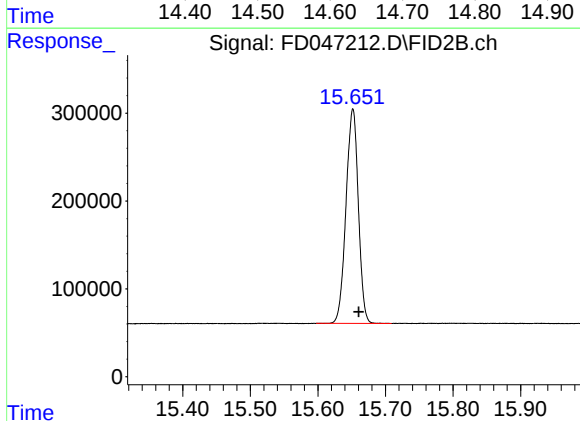
R.T.: 13.544 min
Delta R.T.: -0.009 min
Response: 3205698
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



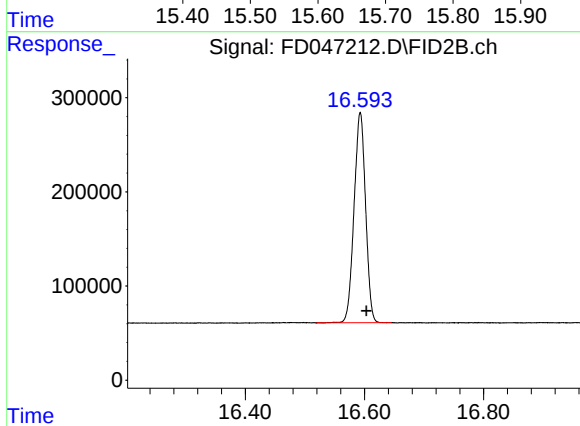
#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: -0.009 min
Response: 3176272
Conc: 19.94 ug/ml



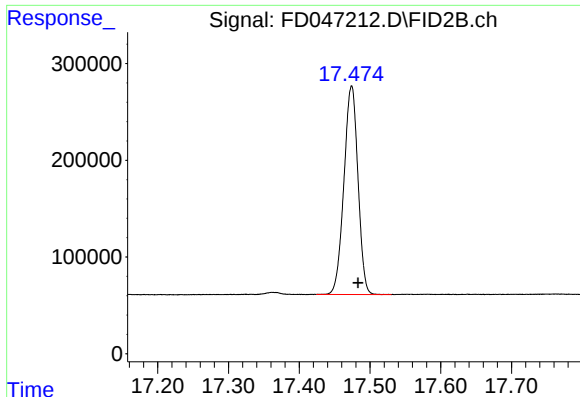
#15 n-Hexacosane (C26)

R.T.: 15.652 min
Delta R.T.: -0.009 min
Response: 3100202
Conc: 19.97 ug/ml



#16 n-Octacosane (C28)

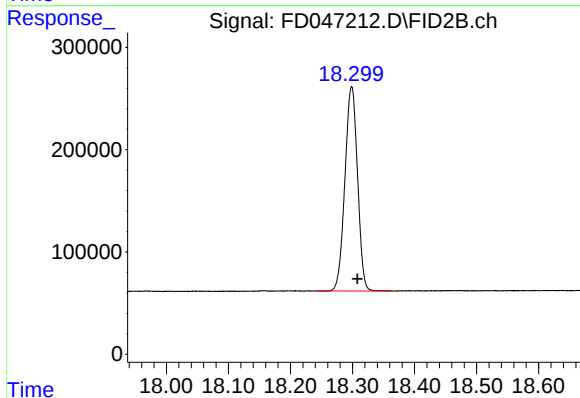
R.T.: 16.593 min
Delta R.T.: -0.010 min
Response: 2992198
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

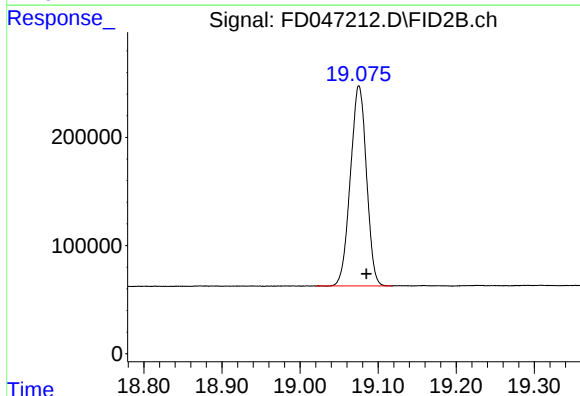
R.T.: 17.474 min
Delta R.T.: -0.009 min
Response: 2969206
Conc: 20.06 ug/ml

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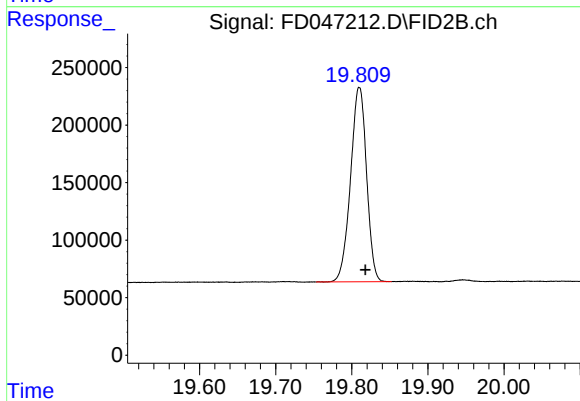
#18 n-Dotriacontane (C32)

R.T.: 18.299 min
Delta R.T.: -0.009 min
Response: 2825098
Conc: 20.03 ug/ml



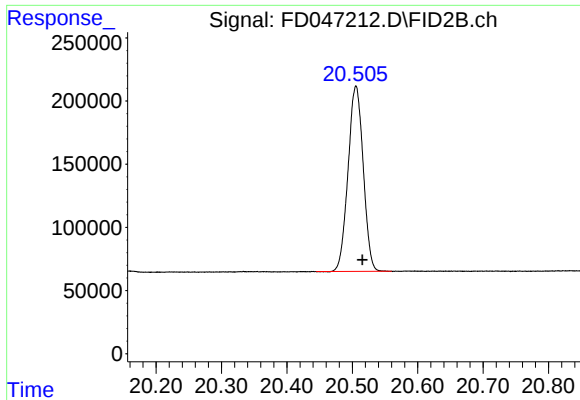
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: -0.010 min
Response: 2647105
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

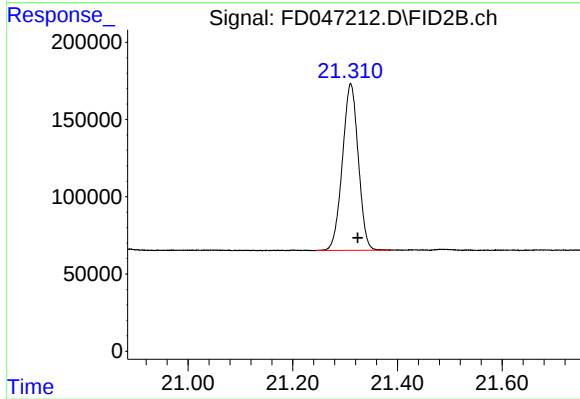
R.T.: 19.810 min
Delta R.T.: -0.008 min
Response: 2468768
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.506 min
Delta R.T.: -0.010 min
Response: 2363669
Conc: 19.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.311 min
Delta R.T.: -0.014 min
Response: 2268560
Conc: 19.60 ug/ml