

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047222.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2024 07:01
 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 07:35:37 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	3646709	20.191 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	12.792	2790718	20.163 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T n-Nonane (C9)	3.197	3167609	20.245 ug/ml
2) T n-Decane (C10)	4.249	3248695	20.325 ug/ml
3) T A~Naphthalene (C11.7)	5.806	3564124	20.400 ug/ml
4) T n-Dodecane (C12)	6.249	3292804	20.302 ug/ml
5) T A~2-methylnaphthalene...	6.854	3462691	20.415 ug/ml
6) T n-Tetradecane (C14)	8.032	3274276	20.239 ug/ml
7) T n-Hexadecane (C16)	9.622	3389133	20.228 ug/ml
8) T n-Octadecane (C18)	11.053	3448160	20.261 ug/ml
10) T n-Eicosane (C20)	12.354	3328880	20.226 ug/ml
11) T n-Heneicosane (C21)	12.961	3270048	20.160 ug/ml
13) T n-Docosane (C22)	13.543	3253562	20.210 ug/ml
14) T n-Tetracosane (C24)	14.638	3223327	20.237 ug/ml
15) T n-Hexacosane (C26)	15.651	3145478	20.257 ug/ml
16) T n-Octacosane (C28)	16.593	3029399	20.240 ug/ml
17) T n-Tricontane (C30)	17.473	3019230	20.400 ug/ml
18) T n-Dotriacontane (C32)	18.299	2869905	20.352 ug/ml
19) T n-Tetratriacontane (C34)	19.075	2698350	20.386 ug/ml
20) T n-Hexatriacontane (C36)	19.808	2520943	20.264 ug/ml
21) T n-Octatriacontane (C38)	20.505	2412100	20.162 ug/ml
22) T n-Tetracontane (C40)	21.311	2302292	19.896 ug/ml

(f)=RT Delta > 1/2 Window

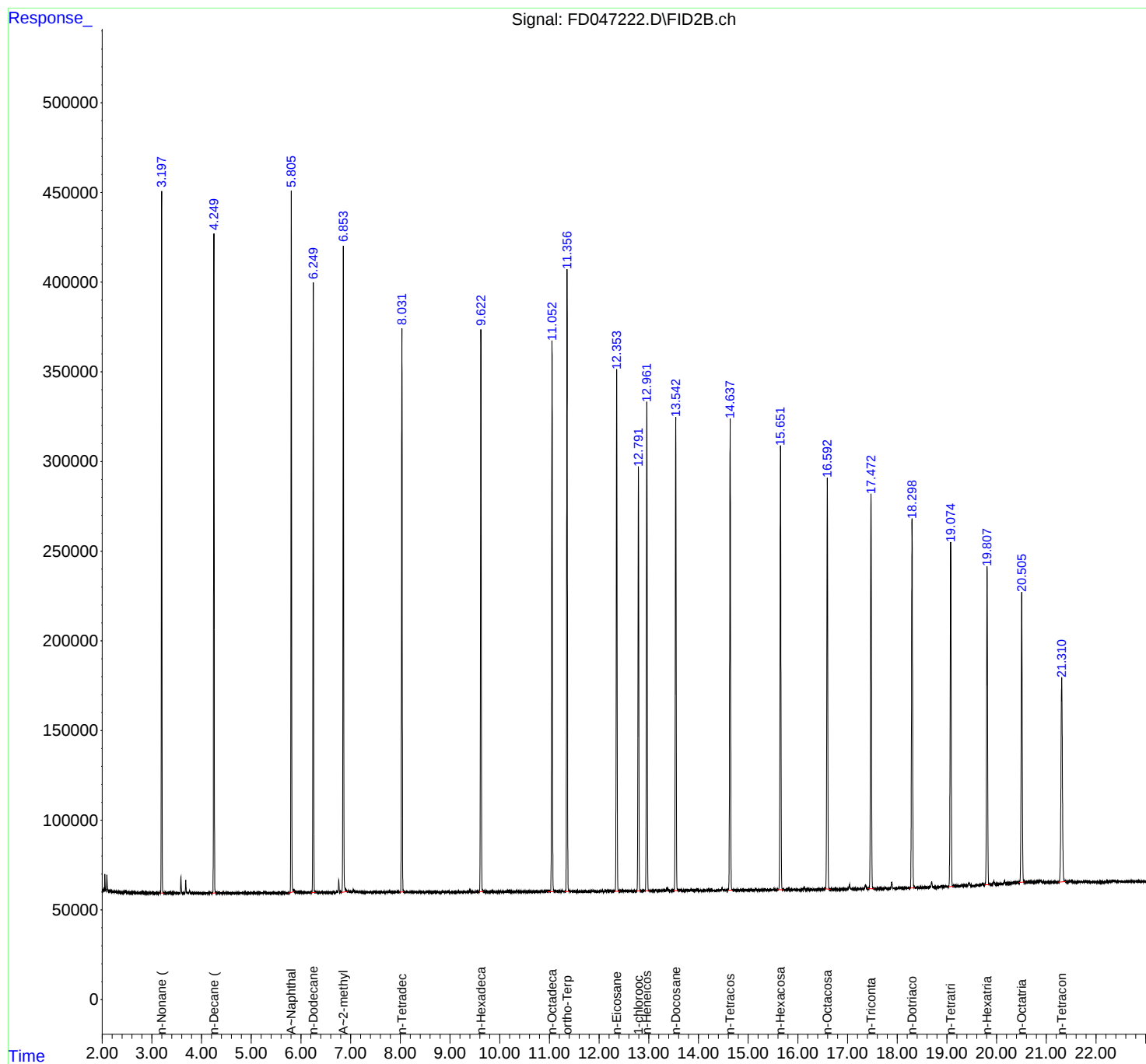
(m)=manual int.

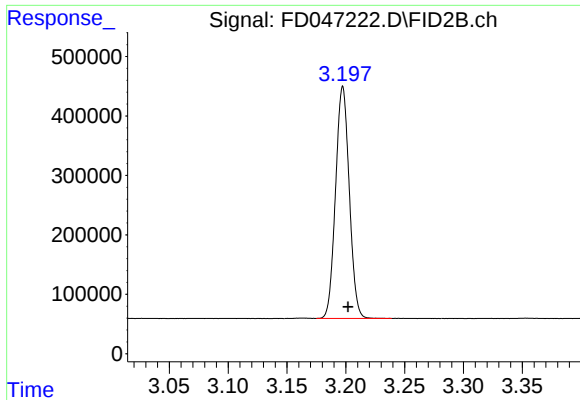
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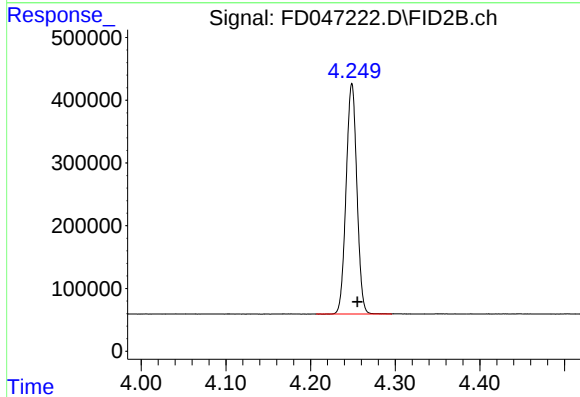




#1 n-Nonane (C9)

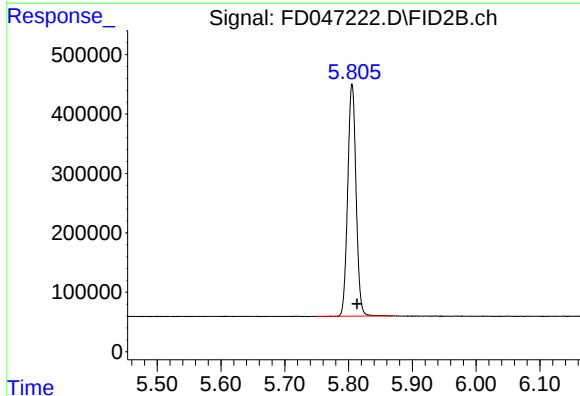
R.T.: 3.197 min
Delta R.T.: -0.005 min
Response: 3167609
Conc: 20.25 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



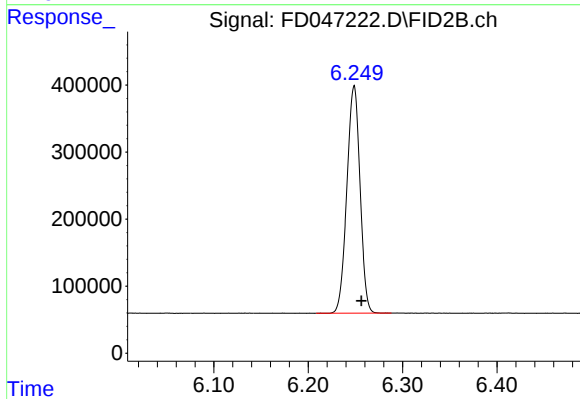
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 3248695
Conc: 20.33 ug/ml



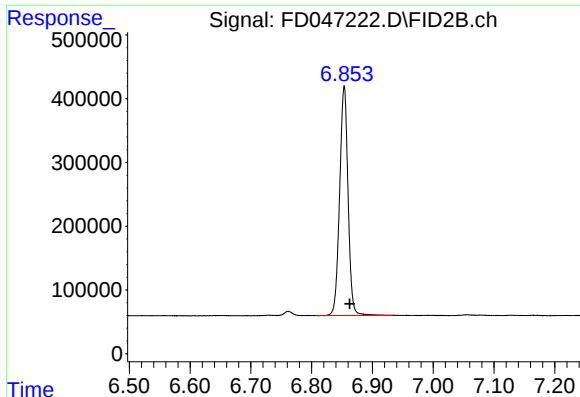
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.008 min
Response: 3564124
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

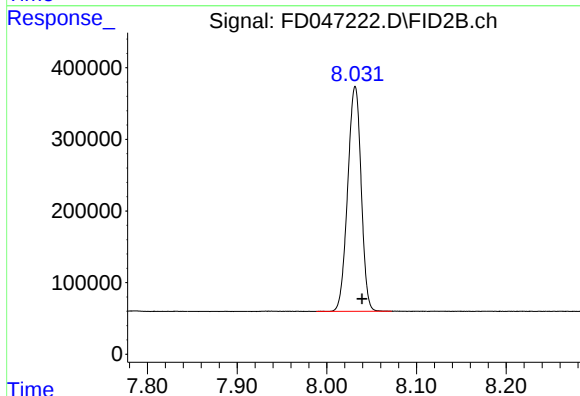
R.T.: 6.249 min
Delta R.T.: -0.008 min
Response: 3292804
Conc: 20.30 ug/ml



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

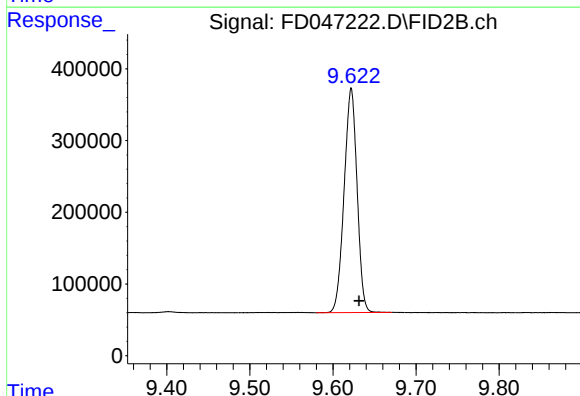
R.T.: 6.854 min
Delta R.T.: -0.009 min
Response: 3462691
Conc: 20.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



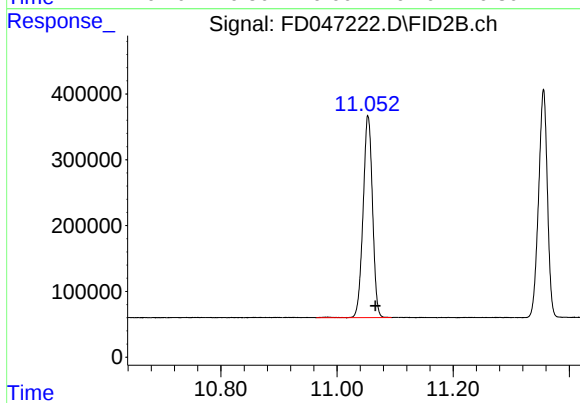
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.008 min
Response: 3274276
Conc: 20.24 ug/ml



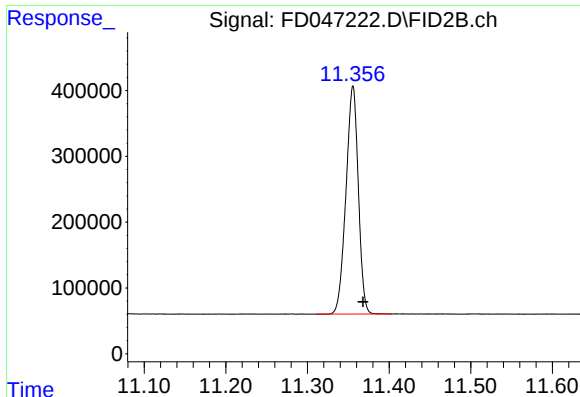
#7 n-Hexadecane (C16)

R.T.: 9.622 min
Delta R.T.: -0.009 min
Response: 3389133
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

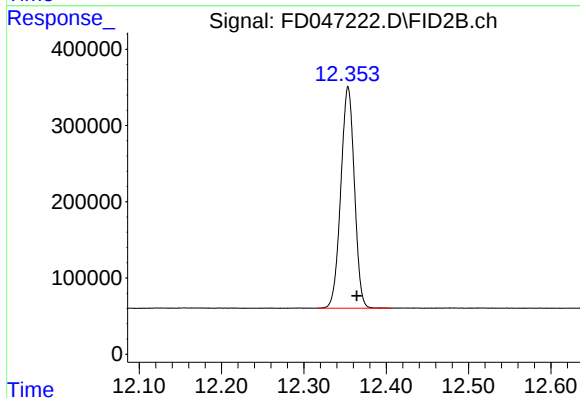
R.T.: 11.053 min
Delta R.T.: -0.013 min
Response: 3448160
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

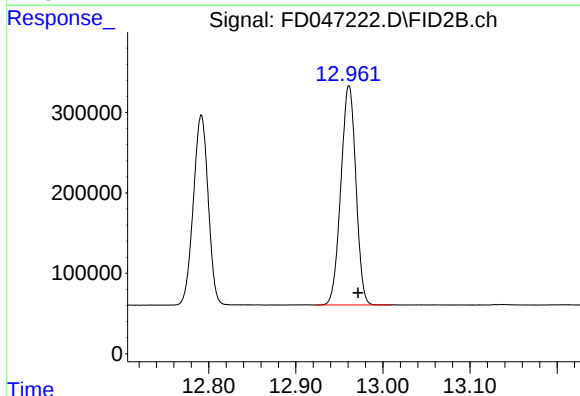
R.T.: 11.356 min
Delta R.T.: -0.012 min
Response: 3646709
Conc: 20.19 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



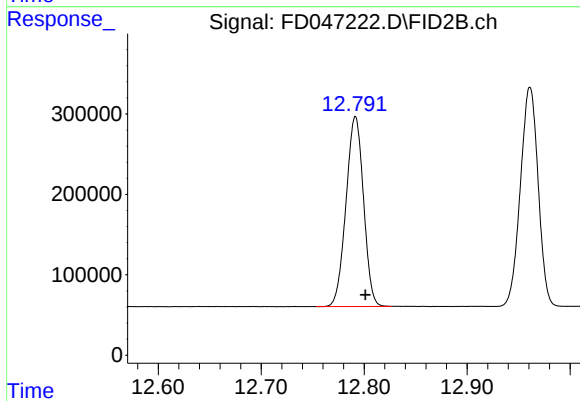
#10 n-Eicosane (C20)

R.T.: 12.354 min
Delta R.T.: -0.010 min
Response: 3328880
Conc: 20.23 ug/ml



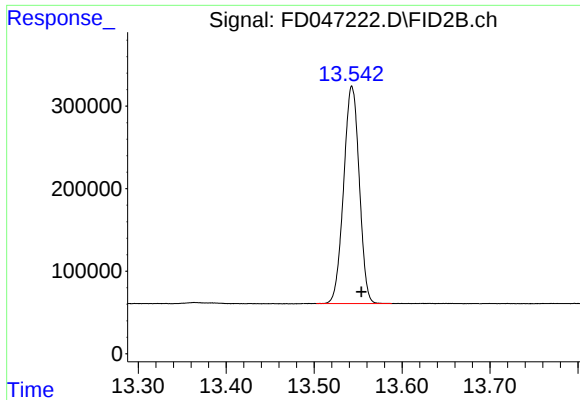
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: -0.011 min
Response: 3270048
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

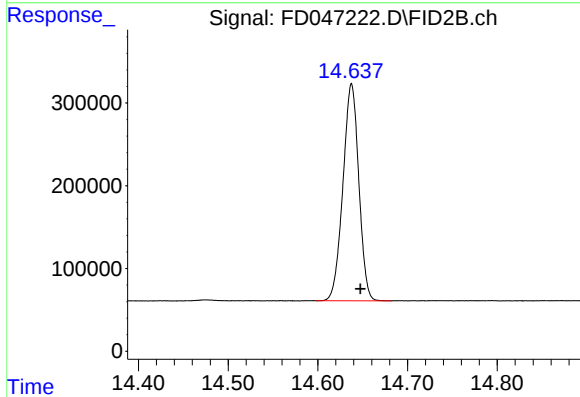
R.T.: 12.792 min
Delta R.T.: -0.010 min
Response: 2790718
Conc: 20.16 ug/ml



#13 n-Docosane (C22)

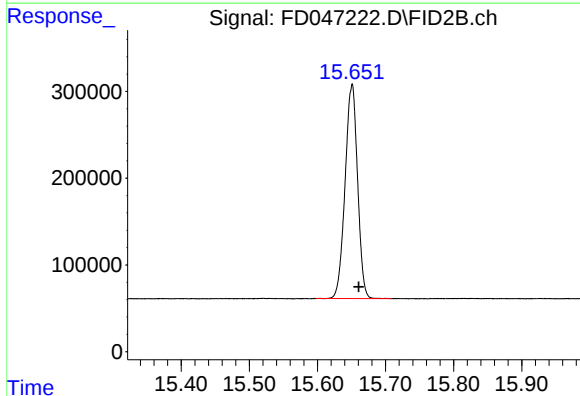
R.T.: 13.543 min
Delta R.T.: -0.011 min
Response: 3253562
Conc: 20.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



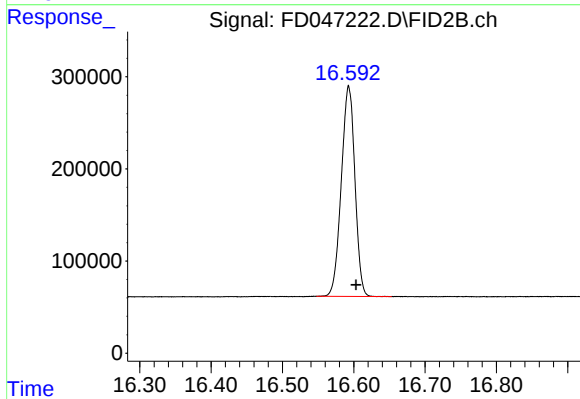
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: -0.010 min
Response: 3223327
Conc: 20.24 ug/ml



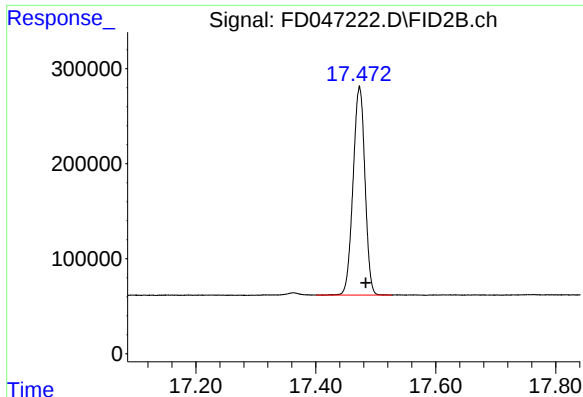
#15 n-Hexacosane (C26)

R.T.: 15.651 min
Delta R.T.: -0.010 min
Response: 3145478
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

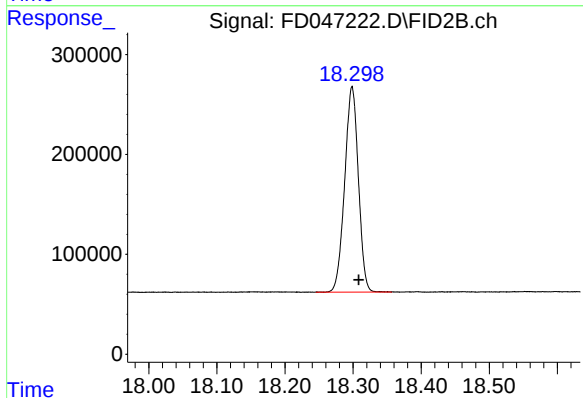
R.T.: 16.593 min
Delta R.T.: -0.010 min
Response: 3029399
Conc: 20.24 ug/ml



#17 n-Tricontane (C30)

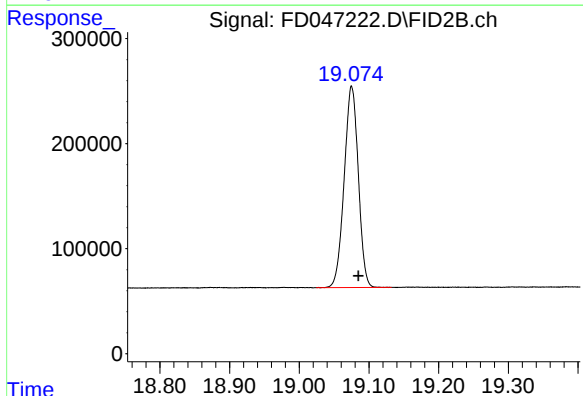
R.T.: 17.473 min
Delta R.T.: -0.011 min
Response: 3019230
Conc: 20.40 ug/ml

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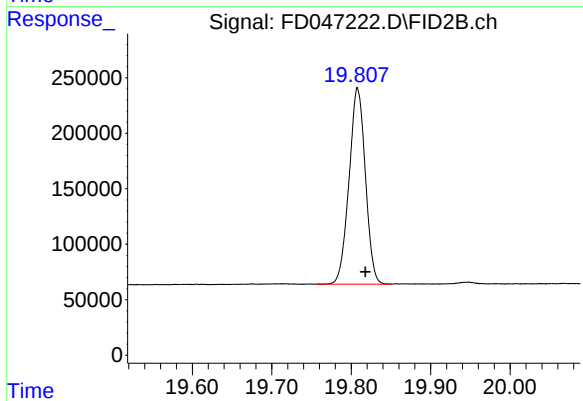
#18 n-Dotriacontane (C32)

R.T.: 18.299 min
Delta R.T.: -0.010 min
Response: 2869905
Conc: 20.35 ug/ml



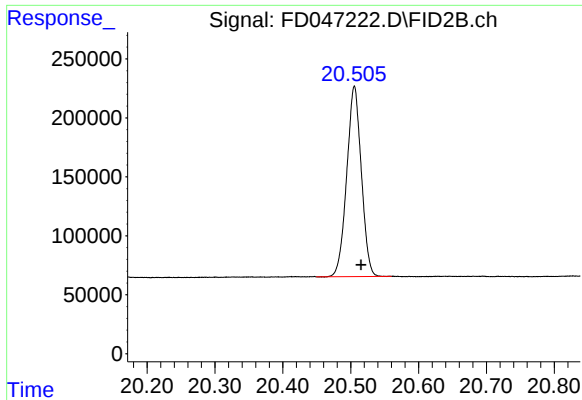
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: -0.010 min
Response: 2698350
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

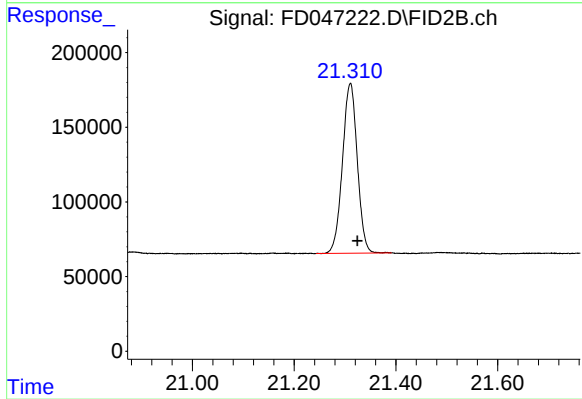
R.T.: 19.808 min
Delta R.T.: -0.010 min
Response: 2520943
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.505 min
Delta R.T.: -0.010 min
Response: 2412100
Conc: 20.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.311 min
Delta R.T.: -0.013 min
Response: 2302292
Conc: 19.90 ug/ml