

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AL\
 Data File : FD044721.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 19:10
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 25 16:50:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:49:21 2022
 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)	11.551	7638826	50.138 ug/ml
Spiked Amount 50.000		Recovery =	100.28%
12) S 1-chlorooctadecane (S...	12.975	5818974	50.380 ug/ml
Spiked Amount 50.000		Recovery =	100.76%
Target Compounds			
1) T n-Nonane (C9)	3.379	7104009	49.483 ug/ml
2) T n-Decane (C10)	4.438	6979806	49.537 ug/ml
3) T A~Naphthalene (C11.7)	6.009	7992811	49.750 ug/ml
4) T n-Dodecane (C12)	6.438	7005448	49.639 ug/ml
5) T A~2-methylnaphthalene...	7.055	7504410	49.804 ug/ml
6) T n-Tetradecane (C14)	8.218	6990676	49.897 ug/ml
7) T n-Hexadecane (C16)	9.807	7071391	50.049 ug/ml
8) T n-Octadecane (C18)	11.237	7044227	49.882 ug/ml
10) T n-Eicosane (C20)	12.535	6762615	50.311 ug/ml
11) T n-Heneicosane (C21)	13.142	6747588	50.196 ug/ml
13) T n-Docosane (C22)	13.723	6650234	50.461 ug/ml
14) T n-Tetracosane (C24)	14.817	6575643	50.613 ug/ml
15) T n-Hexacosane (C26)	15.829	6410299	50.389 ug/ml
16) T n-Octacosane (C28)	16.770	6347075	50.548 ug/ml
17) T n-Tricontane (C30)	17.650	6285794	50.380 ug/ml
18) T n-Dotriacontane (C32)	18.474	6304807	50.309 ug/ml
19) T n-Tetratriacontane (C34)	19.251	6243929	50.262 ug/ml
20) T n-Hexatriacontane (C36)	19.982	6022062	50.482 ug/ml
21) T n-Octatriacontane (C38)	20.693	5973563	50.337 ug/ml
22) T n-Tetracontane (C40)	21.556	5963835	50.280 ug/ml

(f)=RT Delta > 1/2 Window

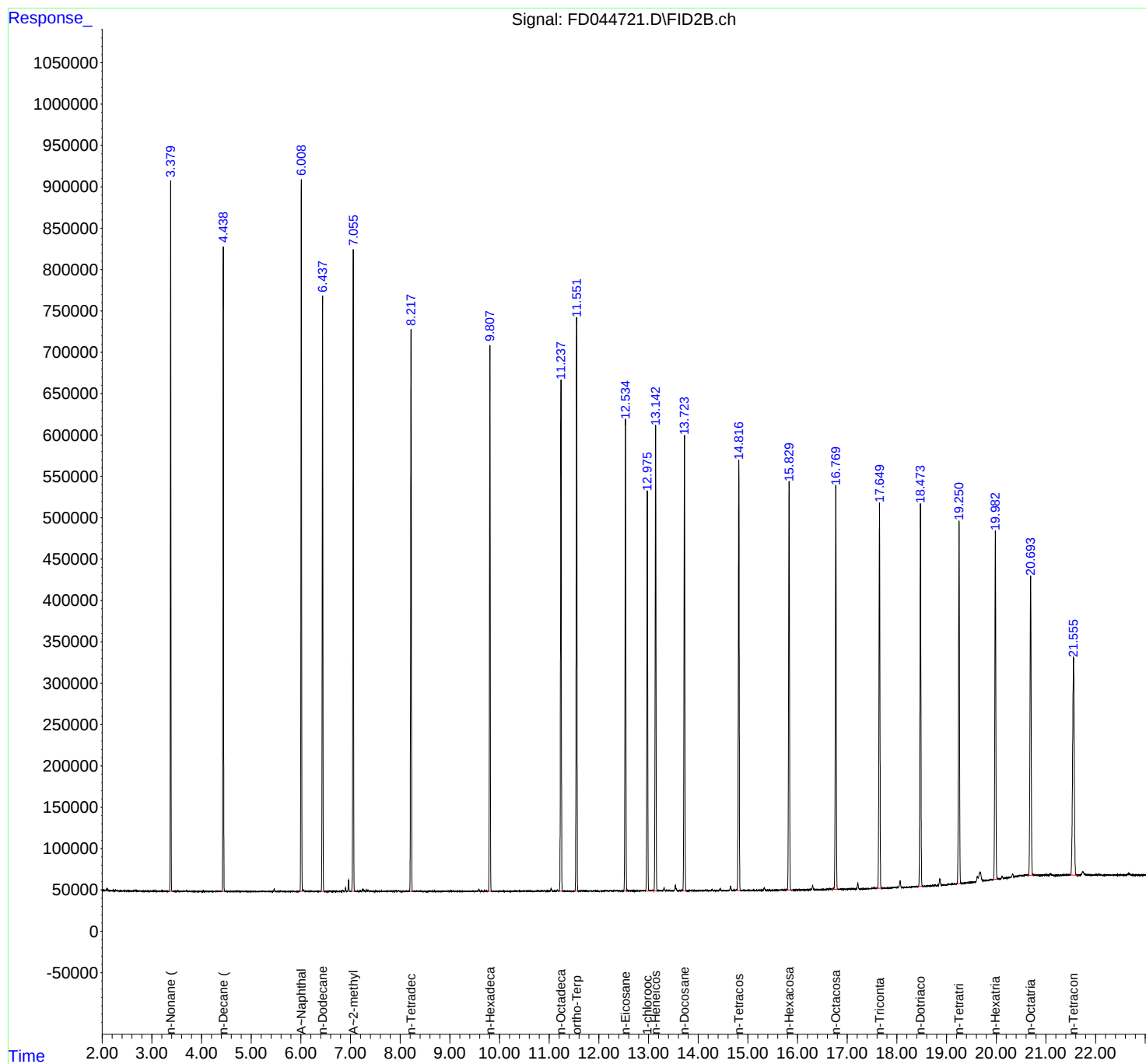
(m)=manual int.

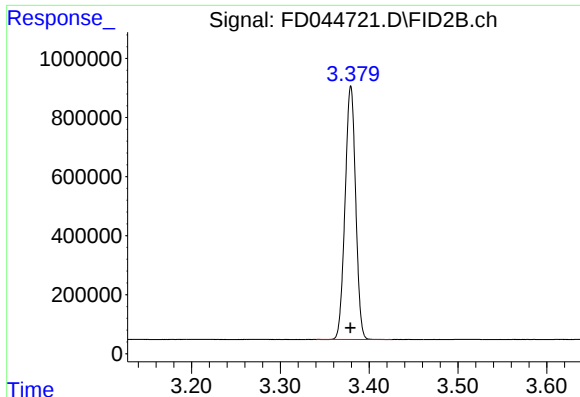
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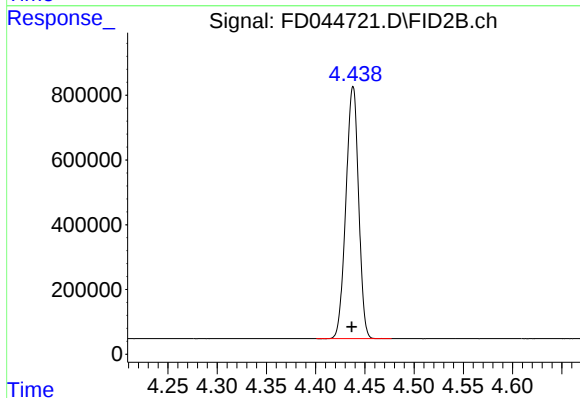




#1 n-Nonane (C9)

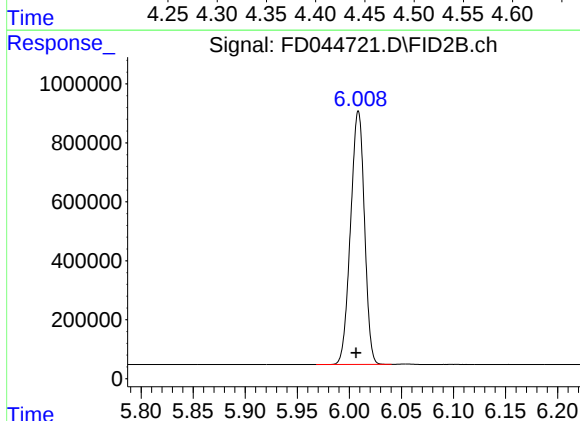
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 7104009
Conc: 49.48 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



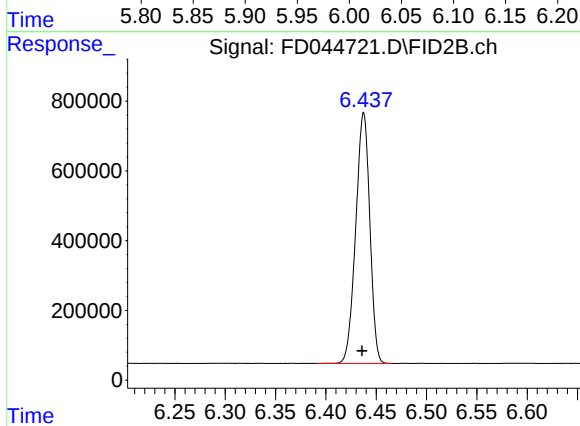
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: 0.002 min
Response: 6979806
Conc: 49.54 ug/ml



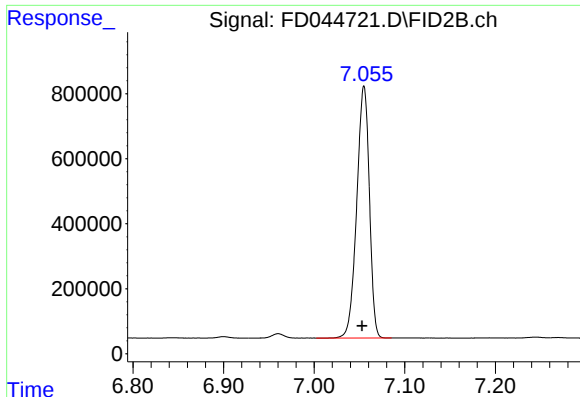
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.002 min
Response: 7992811
Conc: 49.75 ug/ml



#4 n-Dodecane (C12)

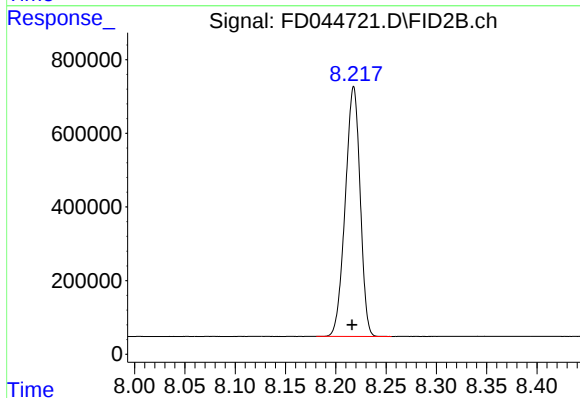
R.T.: 6.438 min
Delta R.T.: 0.002 min
Response: 7005448
Conc: 49.64 ug/ml



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

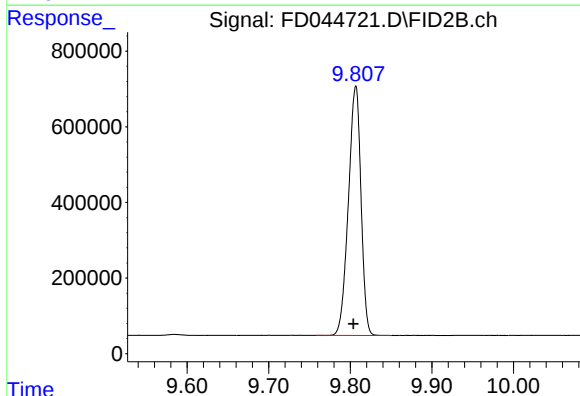
R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 7504410
Conc: 49.80 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



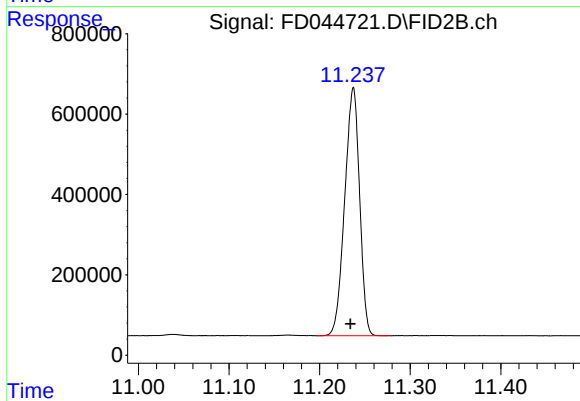
#6 n-Tetradecane (C14)

R.T.: 8.218 min
Delta R.T.: 0.002 min
Response: 6990676
Conc: 49.90 ug/ml



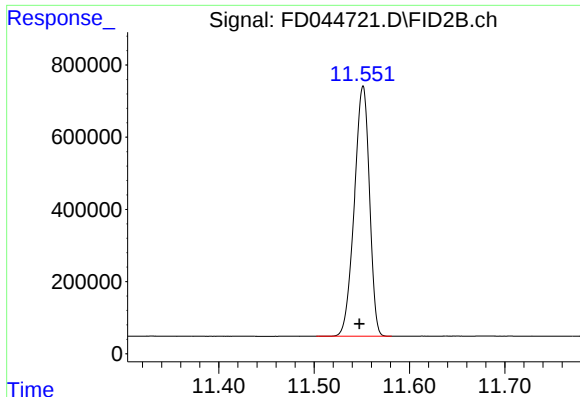
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: 0.003 min
Response: 7071391
Conc: 50.05 ug/ml



#8 n-Octadecane (C18)

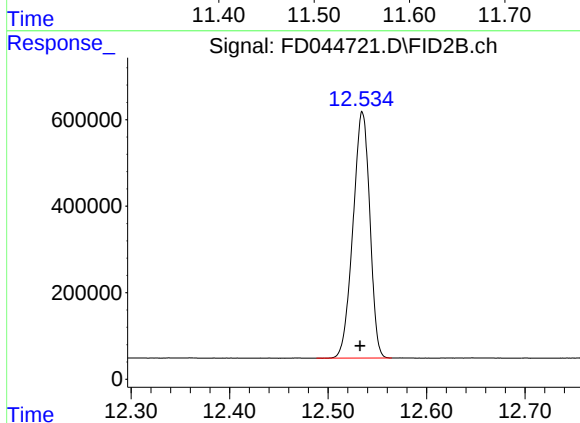
R.T.: 11.237 min
Delta R.T.: 0.003 min
Response: 7044227
Conc: 49.88 ug/ml



#9 ortho-Terphenyl (SURR)

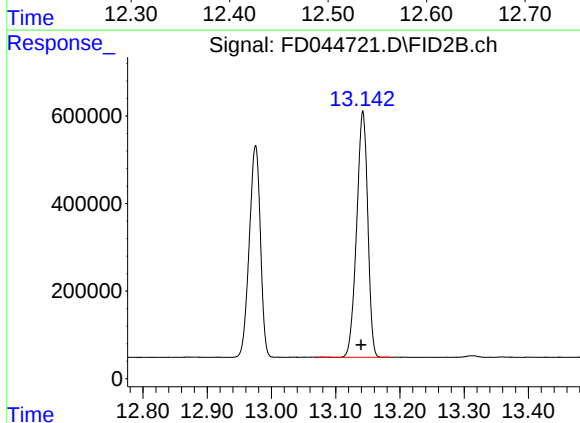
R.T.: 11.551 min
Delta R.T.: 0.004 min
Response: 7638826
Conc: 50.14 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



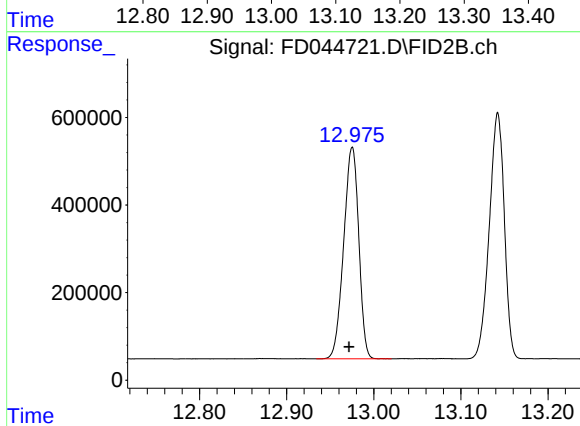
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: 0.003 min
Response: 6762615
Conc: 50.31 ug/ml



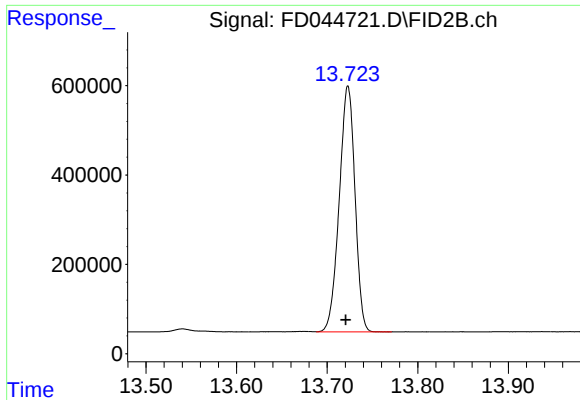
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: 0.003 min
Response: 6747588
Conc: 50.20 ug/ml



#12 1-chlorooctadecane (SURR)

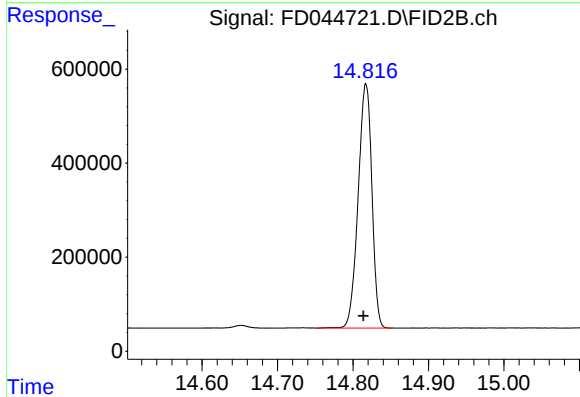
R.T.: 12.975 min
Delta R.T.: 0.004 min
Response: 5818974
Conc: 50.38 ug/ml



#13 n-Docosane (C22)

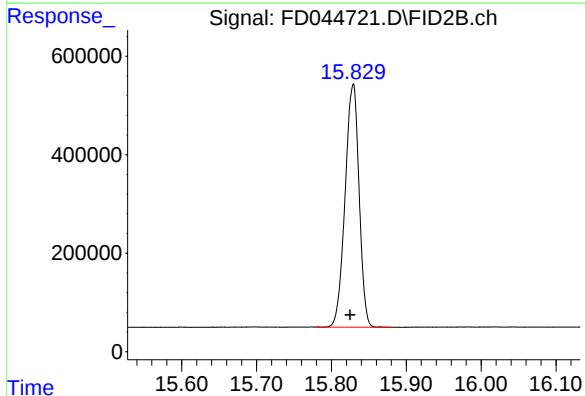
R.T.: 13.723 min
Delta R.T.: 0.003 min
Response: 6650234
Conc: 50.46 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



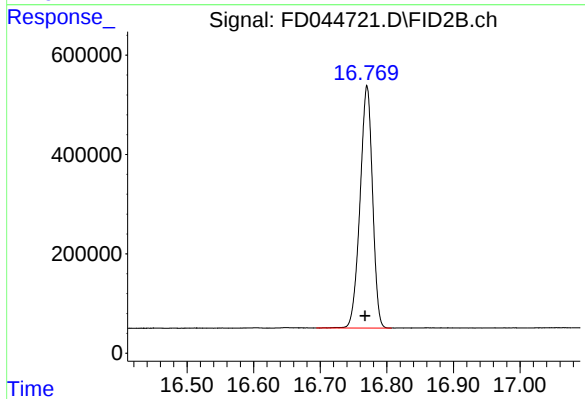
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.004 min
Response: 6575643
Conc: 50.61 ug/ml



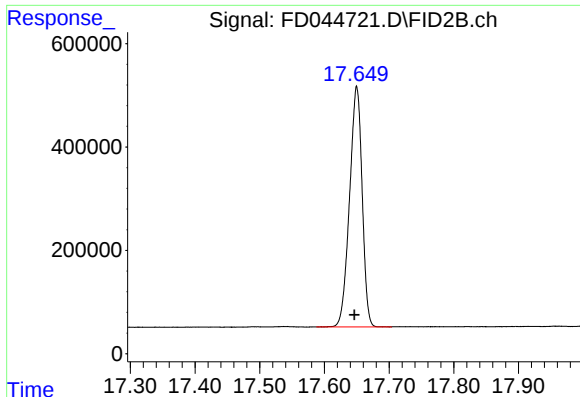
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: 0.004 min
Response: 6410299
Conc: 50.39 ug/ml



#16 n-Octacosane (C28)

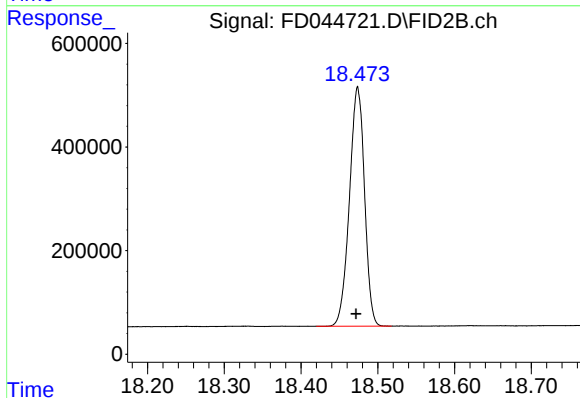
R.T.: 16.770 min
Delta R.T.: 0.003 min
Response: 6347075
Conc: 50.55 ug/ml



#17 n-Tricontane (C30)

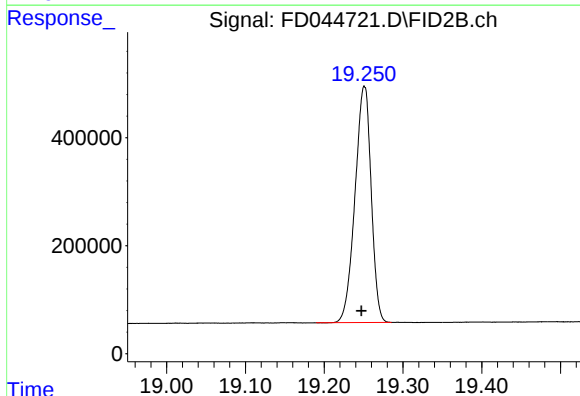
R.T.: 17.650 min
Delta R.T.: 0.003 min
Response: 6285794
Conc: 50.38 ug/ml

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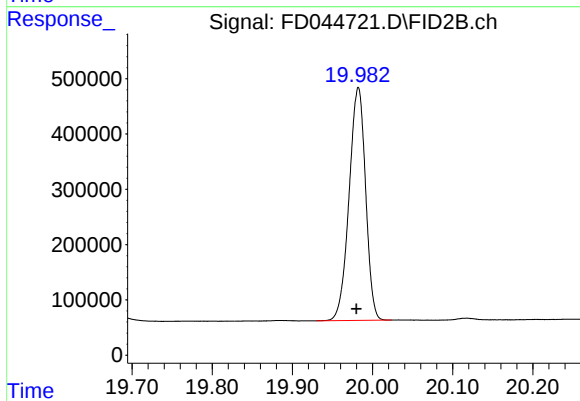
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.002 min
Response: 6304807
Conc: 50.31 ug/ml



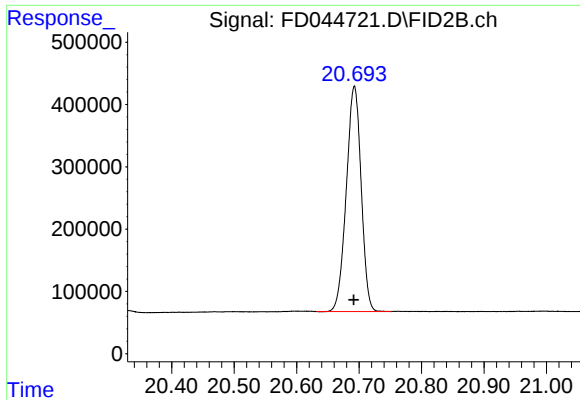
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: 0.004 min
Response: 6243929
Conc: 50.26 ug/ml



#20 n-Hexatriacontane (C36)

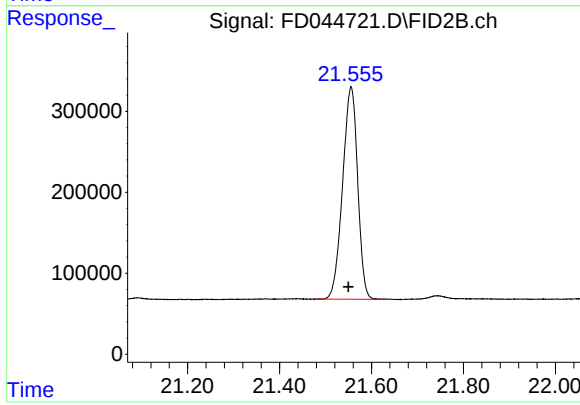
R.T.: 19.982 min
Delta R.T.: 0.003 min
Response: 6022062
Conc: 50.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.693 min
Delta R.T.: 0.001 min
Response: 5973563
Conc: 50.34 ug/ml

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FID_D
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.556 min
Delta R.T.: 0.006 min
Response: 5963835
Conc: 50.28 ug/ml