

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
 Data File : FE047718.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2024 09:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 22 11:06:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.979	3586810	20.680 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
12) S 1-chlorooctadecane (S...	13.413	2758123	20.507 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
Target Compounds			
1) T n-Nonane (C9)	3.358	3155935	20.172 ug/ml
2) T n-Decane (C10)	4.611	3263884	20.308 ug/ml
3) T A~Naphthalene (C11.7)	6.319	3461020	20.412 ug/ml
4) T n-Dodecane (C12)	6.777	3295039	20.301 ug/ml
5) T A~2-methylnaphthalene...	7.415	3343051	20.357 ug/ml
6) T n-Tetradecane (C14)	8.606	3286427	20.429 ug/ml
7) T n-Hexadecane (C16)	10.214	3414992	20.563 ug/ml
8) T n-Octadecane (C18)	11.657	3461643	20.642 ug/ml
10) T n-Eicosane (C20)	12.968	3338935	20.610 ug/ml
11) T n-Heneicosane (C21)	13.580	3273709	20.632 ug/ml
13) T n-Docosane (C22)	14.167	3305631	20.598 ug/ml
14) T n-Tetracosane (C24)	15.268	3376500	20.456 ug/ml
15) T n-Hexacosane (C26)	16.289	3406495	20.608 ug/ml
16) T n-Octacosane (C28)	17.237	3468372	20.930 ug/ml
17) T n-Tricontane (C30)	18.126	3683859	21.698 ug/ml
18) T n-Dotriacontane (C32)	18.959	3720373	22.311 ug/ml
19) T n-Tetratriacontane (C34)	19.741	3595051	22.415 ug/ml
20) T n-Hexatriacontane (C36)	20.480	3553164	22.277 ug/ml
21) T n-Octatriacontane (C38)	21.225	3469734	21.349 ug/ml
22) T n-Tetracontane (C40)	22.157	3142509	19.194 ug/ml

(f)=RT Delta > 1/2 Window

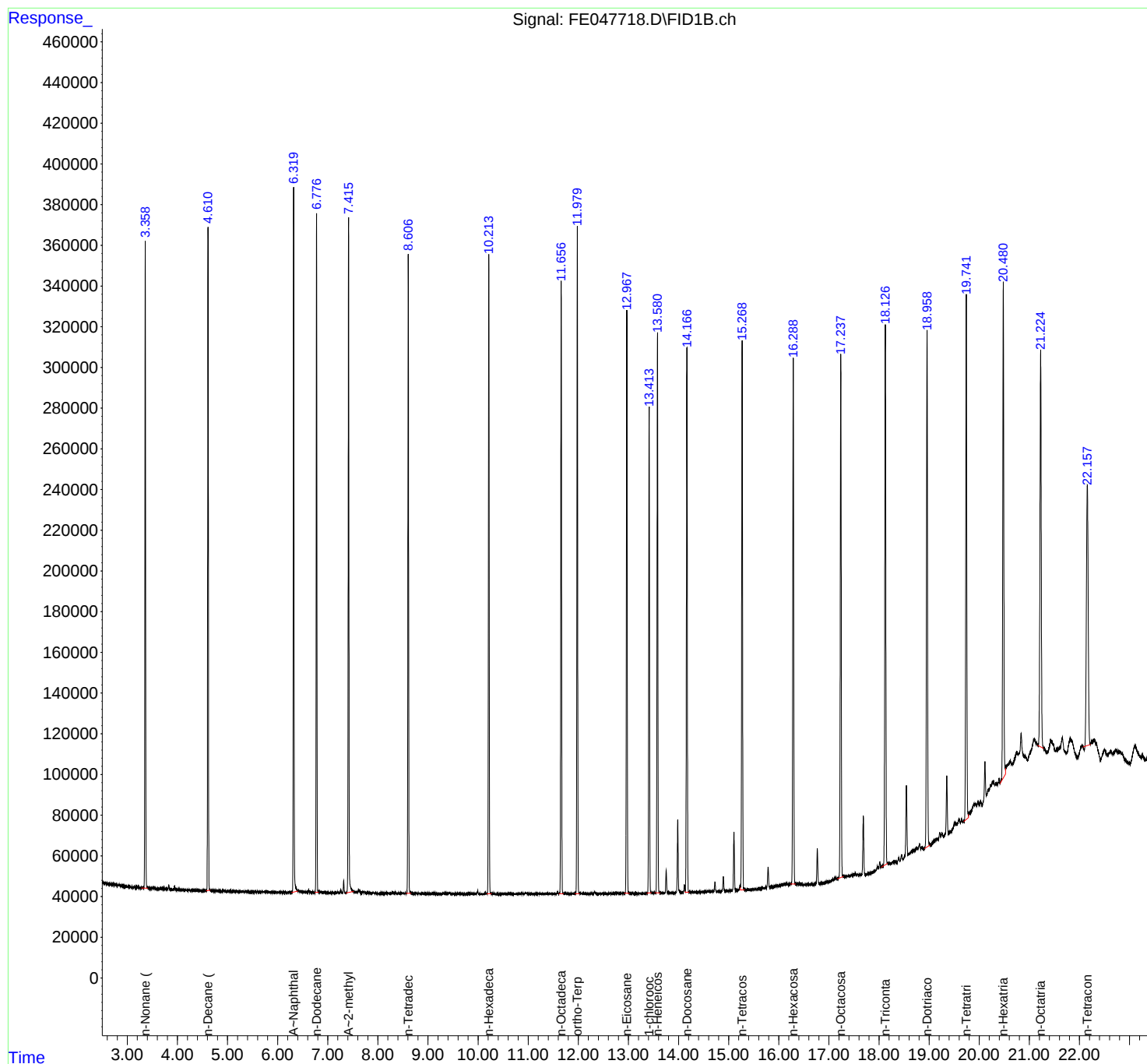
(m)=manual int.

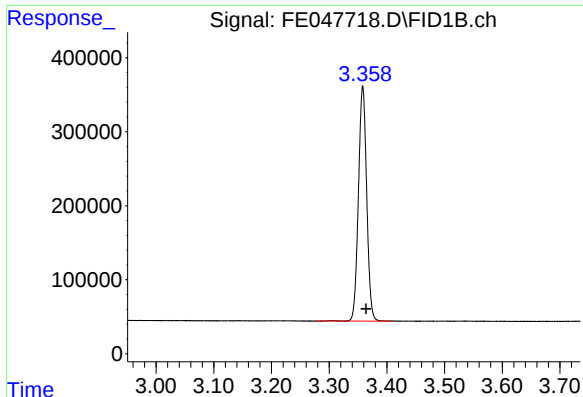
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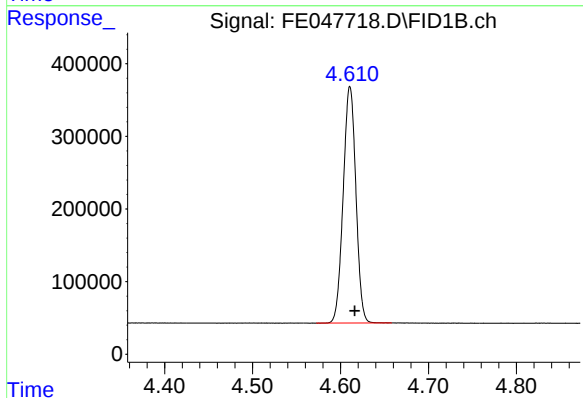




#1 n-Nonane (C9)

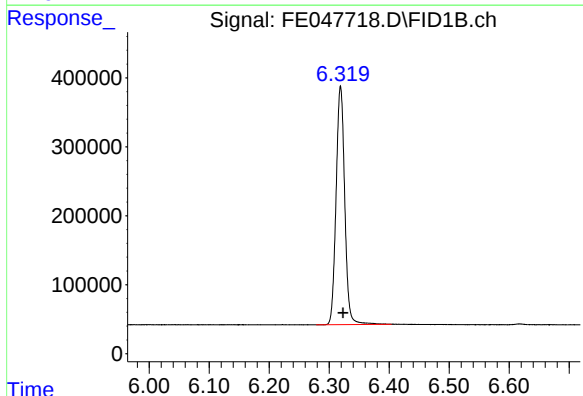
R.T.: 3.358 min
Delta R.T.: -0.006 min
Response: 3155935
Conc: 20.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



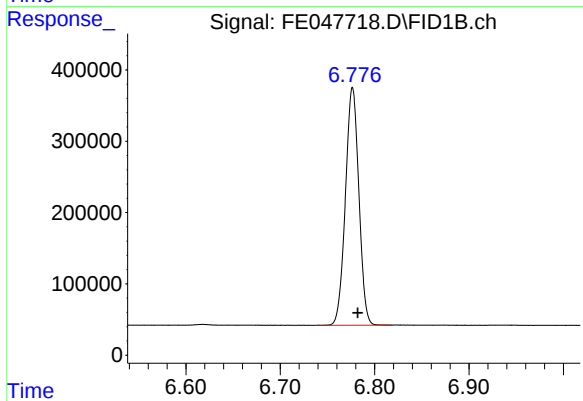
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.005 min
Response: 3263884
Conc: 20.31 ug/ml



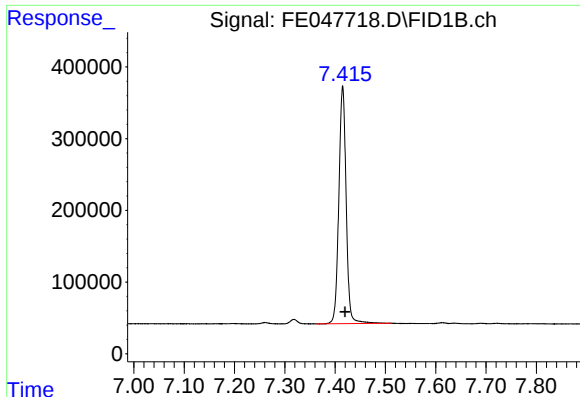
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 3461020
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

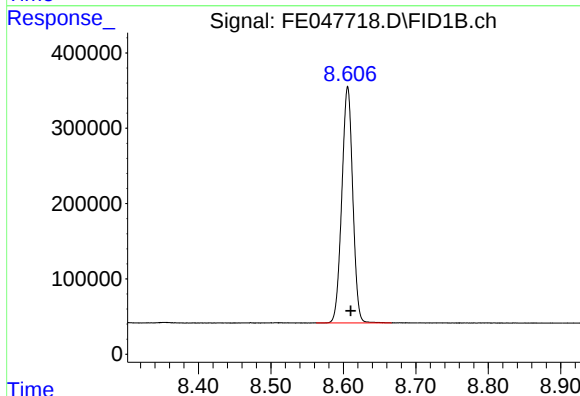
R.T.: 6.777 min
Delta R.T.: -0.005 min
Response: 3295039
Conc: 20.30 ug/ml



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

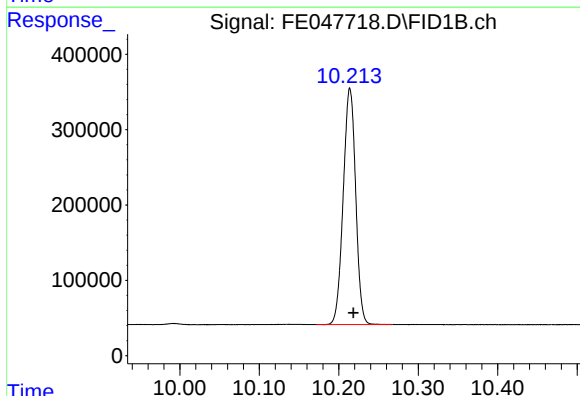
R.T.: 7.415 min
Delta R.T.: -0.004 min
Response: 3343051
Conc: 20.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



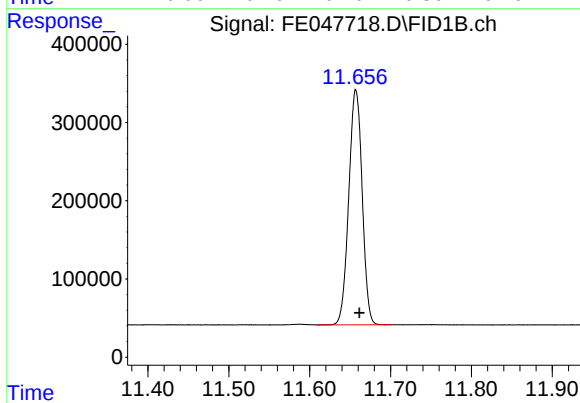
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 3286427
Conc: 20.43 ug/ml



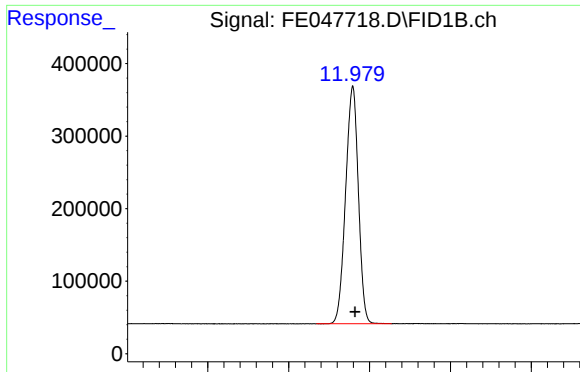
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: -0.005 min
Response: 3414992
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

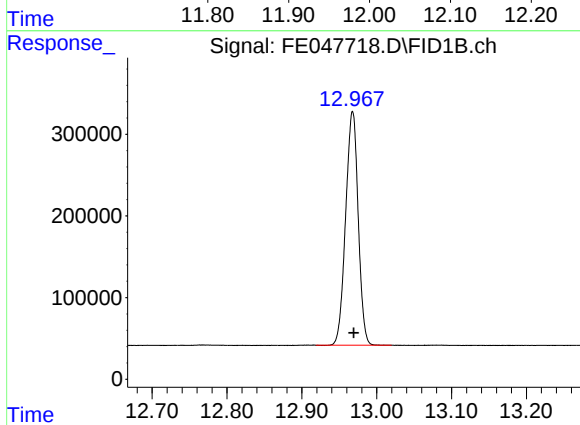
R.T.: 11.657 min
Delta R.T.: -0.004 min
Response: 3461643
Conc: 20.64 ug/ml



#9 ortho-Terphenyl (SURR)

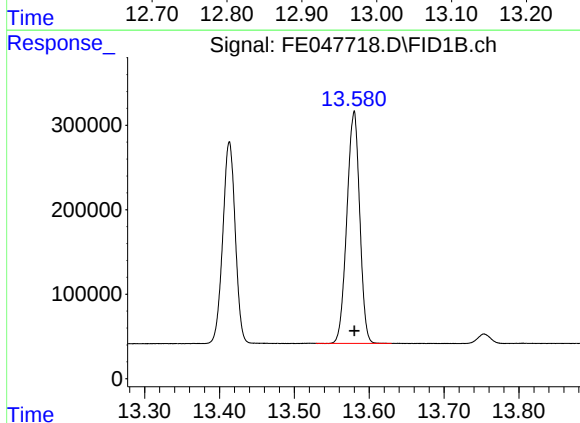
R.T.: 11.979 min
Delta R.T.: -0.003 min
Response: 3586810
Conc: 20.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



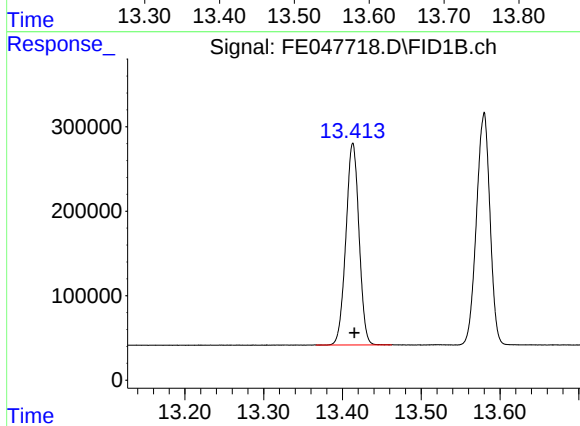
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: -0.002 min
Response: 3338935
Conc: 20.61 ug/ml



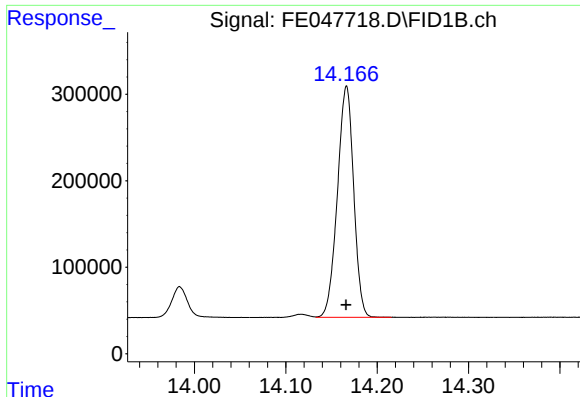
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 3273709
Conc: 20.63 ug/ml



#12 1-chlorooctadecane (SURR)

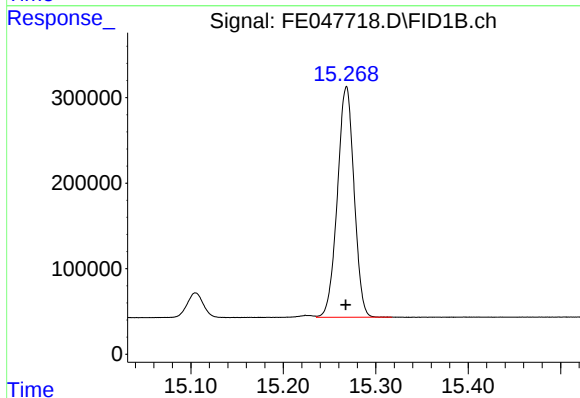
R.T.: 13.413 min
Delta R.T.: -0.002 min
Response: 2758123
Conc: 20.51 ug/ml



#13 n-Docosane (C22)

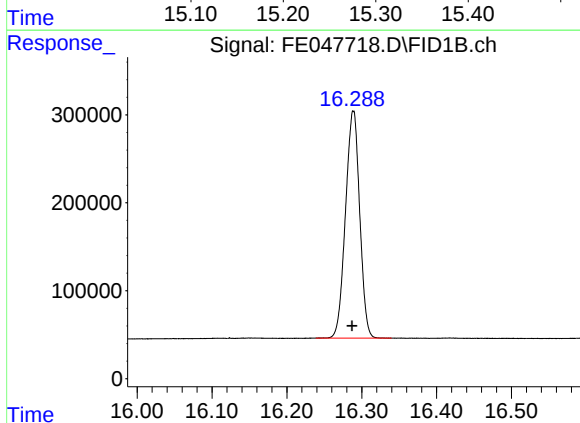
R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 3305631
Conc: 20.60 ug/ml

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20 PPM ALIPHATIC HC STD



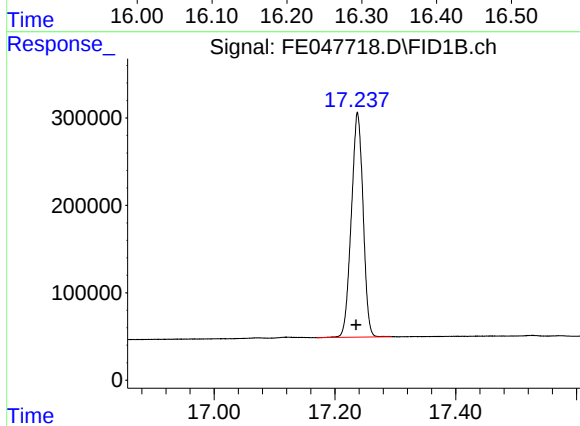
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.000 min
Response: 3376500
Conc: 20.46 ug/ml



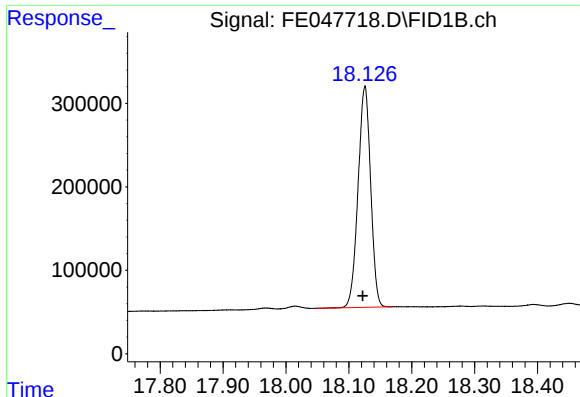
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.002 min
Response: 3406495
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

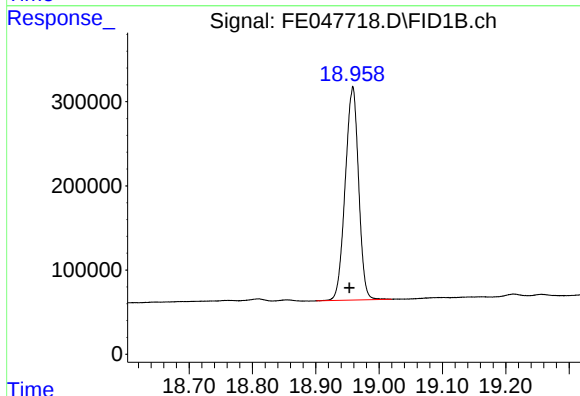
R.T.: 17.237 min
Delta R.T.: 0.002 min
Response: 3468372
Conc: 20.93 ug/ml



#17 n-Tricontane (C30)

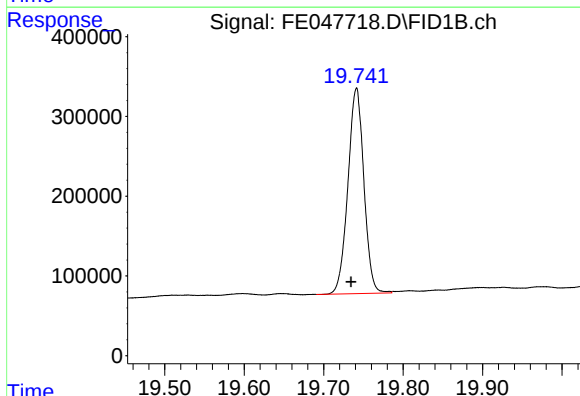
R.T.: 18.126 min
Delta R.T.: 0.004 min
Response: 3683859
Conc: 21.70 ug/ml

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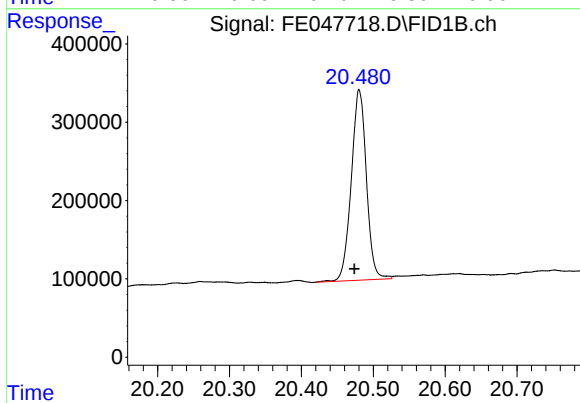
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.005 min
Response: 3720373
Conc: 22.31 ug/ml



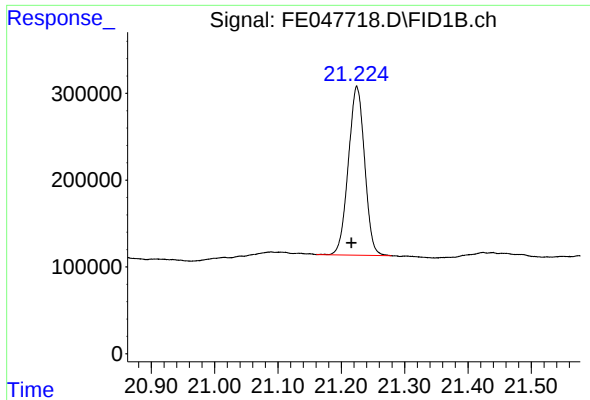
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.007 min
Response: 3595051
Conc: 22.41 ug/ml



#20 n-Hexatriacontane (C36)

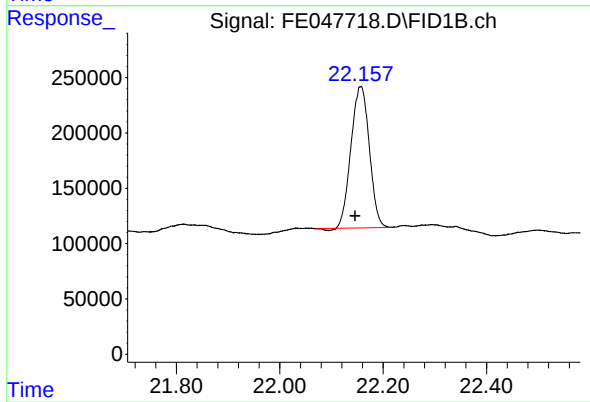
R.T.: 20.480 min
Delta R.T.: 0.006 min
Response: 3553164
Conc: 22.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.009 min
Response: 3469734
Conc: 21.35 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: 0.011 min
Response: 3142509
Conc: 19.19 ug/ml