

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042424AL\
 Data File : FE047756.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2024 12:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 25 03:38:51 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)	11.975	3632804	20.945 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
12) S 1-chlorooctadecane (S...	13.408	2821109	20.975 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.354	3147853	20.121 ug/ml
2) T n-Decane (C10)	4.606	3267534	20.331 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3453207	20.366 ug/ml
4) T n-Dodecane (C12)	6.773	3306031	20.369 ug/ml
5) T A~2-methylnaphthalene...	7.410	3345910	20.374 ug/ml
6) T n-Tetradecane (C14)	8.602	3310863	20.581 ug/ml
7) T n-Hexadecane (C16)	10.210	3452372	20.788 ug/ml
8) T n-Octadecane (C18)	11.654	3507434	20.915 ug/ml
10) T n-Eicosane (C20)	12.963	3401587	20.997 ug/ml
11) T n-Heneicosane (C21)	13.575	3334771	21.016 ug/ml
13) T n-Docosane (C22)	14.161	3373314	21.020 ug/ml
14) T n-Tetracosane (C24)	15.263	3453926	20.925 ug/ml
15) T n-Hexacosane (C26)	16.283	3488158	21.102 ug/ml
16) T n-Octacosane (C28)	17.232	3570699	21.547 ug/ml
17) T n-Tricontane (C30)	18.120	3847495	22.662 ug/ml
18) T n-Dotriacontane (C32)	18.952	3882043	23.281 ug/ml
19) T n-Tetratriacontane (C34)	19.736	3663013	22.839 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3513877	22.031 ug/ml
21) T n-Octatriacontane (C38)	21.218	3459551	21.286 ug/ml
22) T n-Tetracontane (C40)	22.147	3399892	20.766 ug/ml

(f)=RT Delta > 1/2 Window

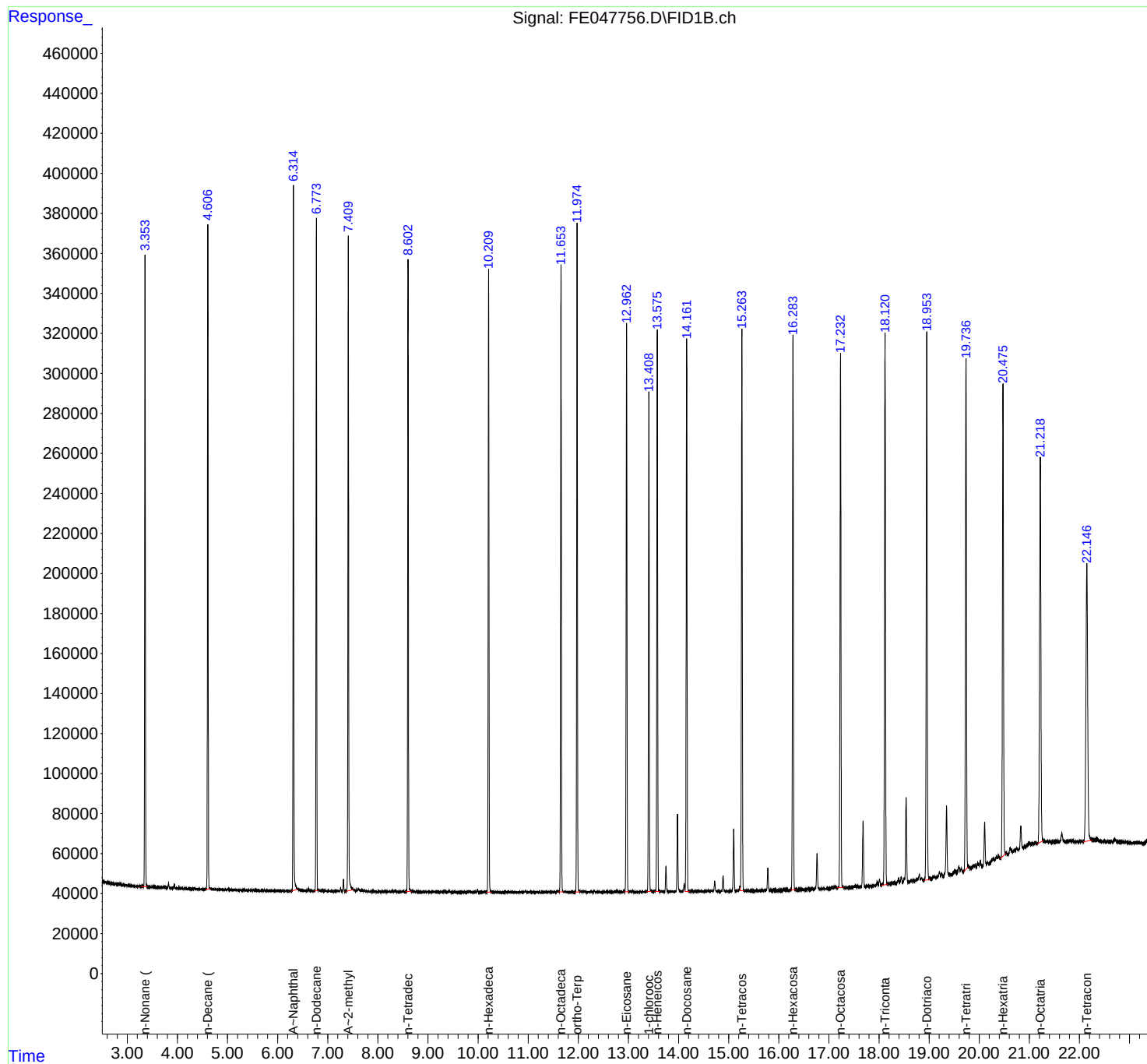
(m)=manual int.

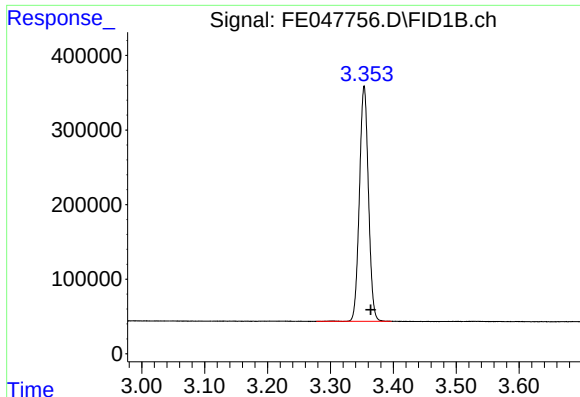
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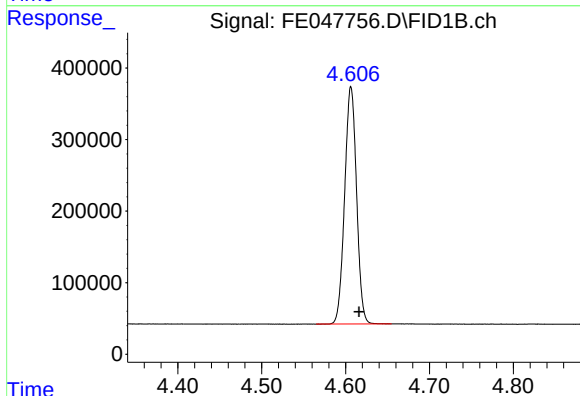




#1 n-Nonane (C9)

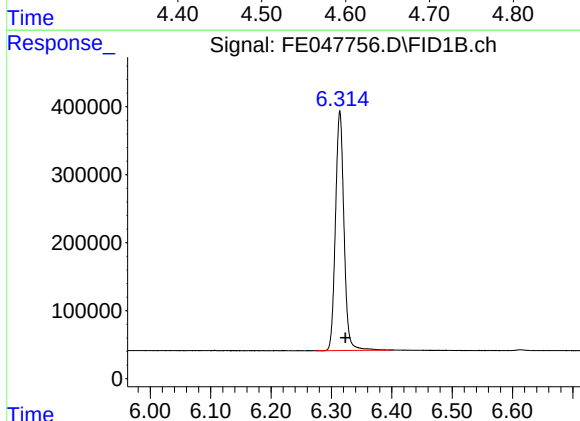
R.T.: 3.354 min
Delta R.T.: -0.010 min
Response: 3147853
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



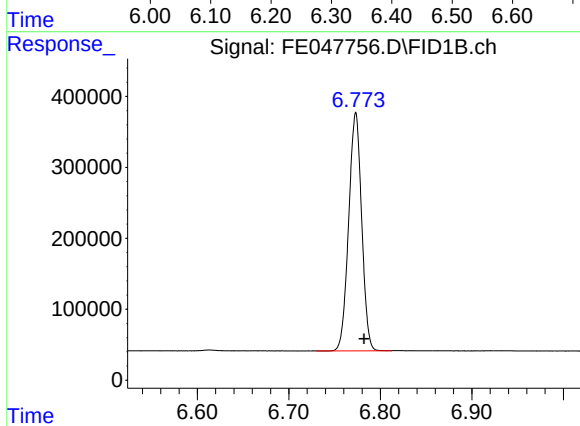
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.010 min
Response: 3267534
Conc: 20.33 ug/ml



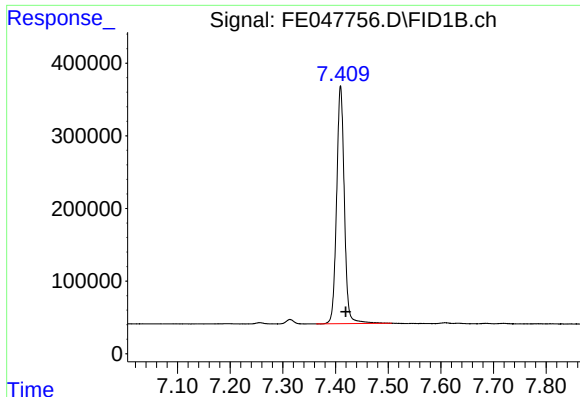
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.009 min
Response: 3453207
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

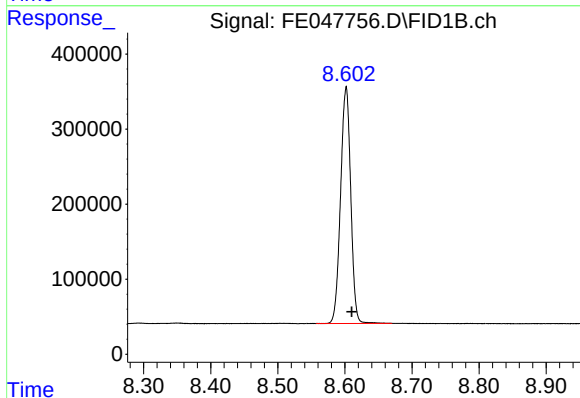
R.T.: 6.773 min
Delta R.T.: -0.009 min
Response: 3306031
Conc: 20.37 ug/ml



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

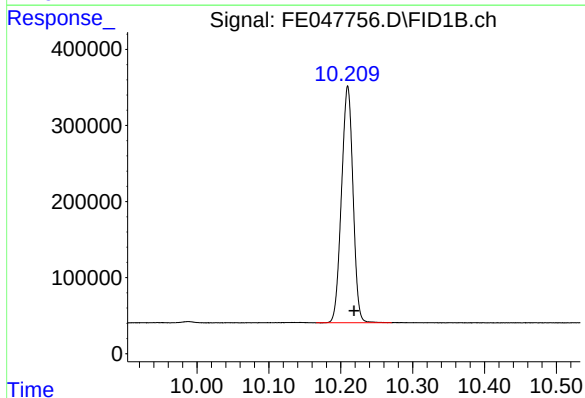
R.T.: 7.410 min
Delta R.T.: -0.010 min
Response: 3345910
Conc: 20.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



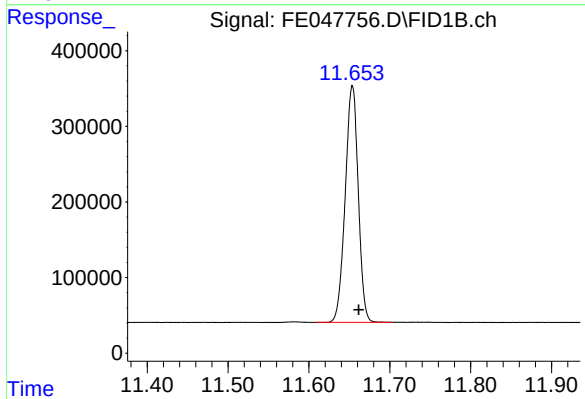
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: -0.008 min
Response: 3310863
Conc: 20.58 ug/ml



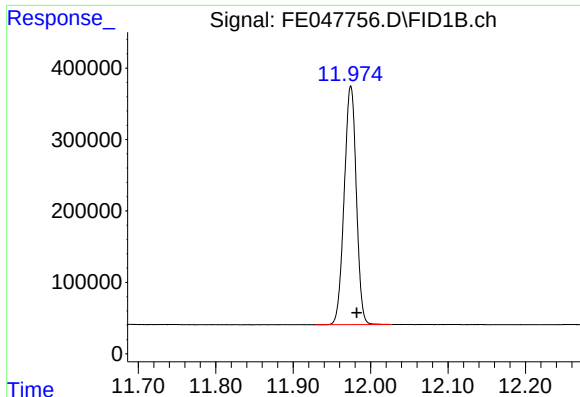
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.009 min
Response: 3452372
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

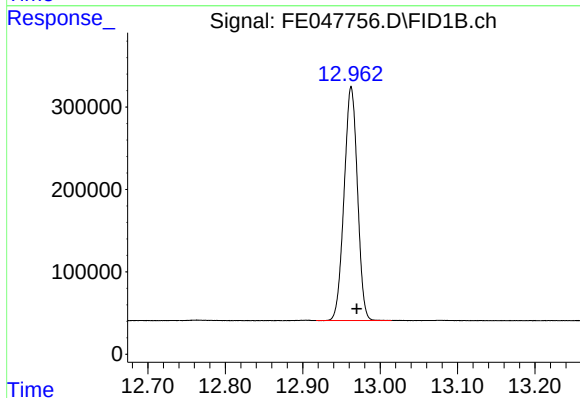
R.T.: 11.654 min
Delta R.T.: -0.008 min
Response: 3507434
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

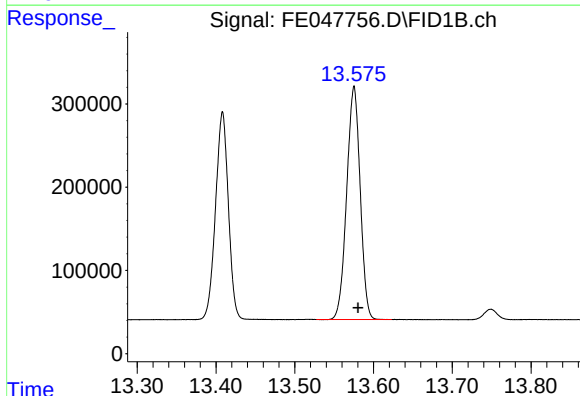
R.T.: 11.975 min
Delta R.T.: -0.008 min
Response: 3632804
Conc: 20.94 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



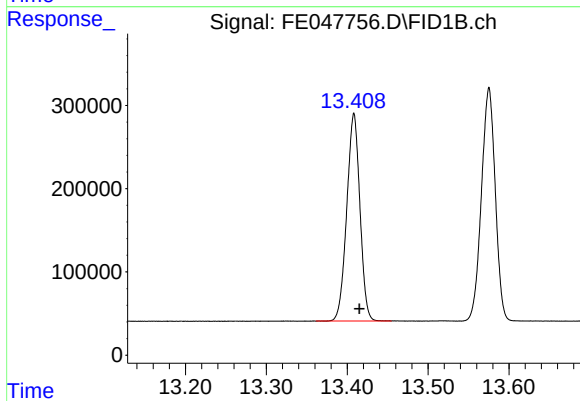
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.007 min
Response: 3401587
Conc: 21.00 ug/ml



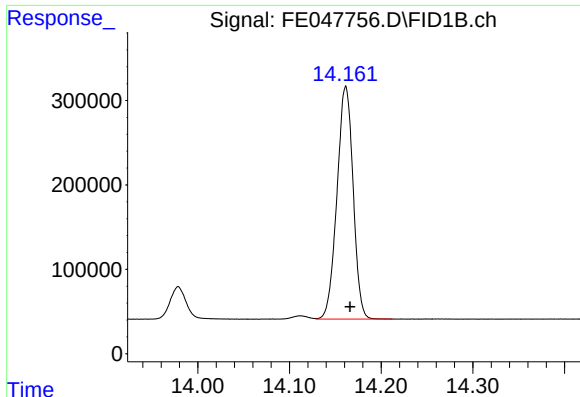
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.005 min
Response: 3334771
Conc: 21.02 ug/ml



#12 1-chlorooctadecane (SURR)

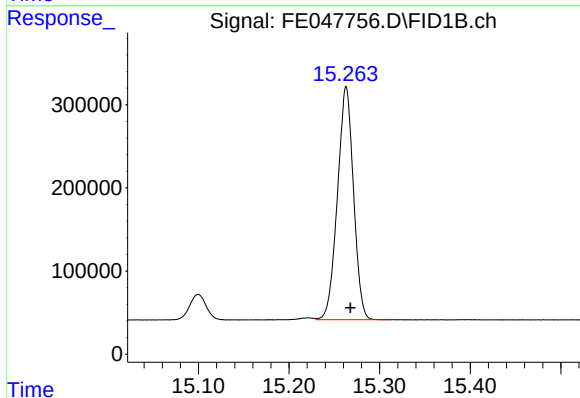
R.T.: 13.408 min
Delta R.T.: -0.007 min
Response: 2821109
Conc: 20.98 ug/ml



#13 n-Docosane (C22)

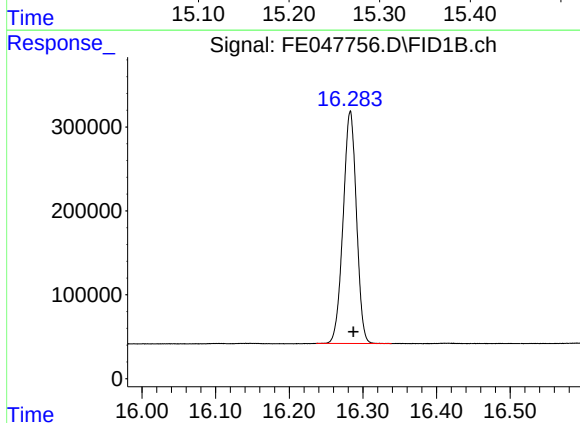
R.T.: 14.161 min
Delta R.T.: -0.005 min
Response: 3373314
Conc: 21.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



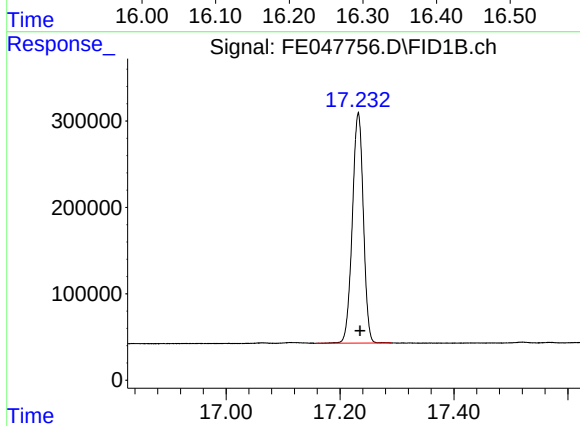
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.005 min
Response: 3453926
Conc: 20.92 ug/ml



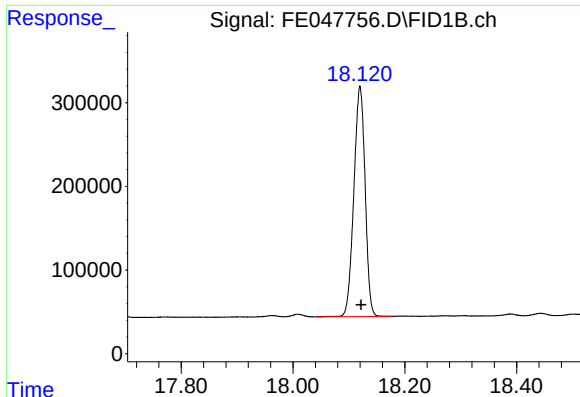
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.004 min
Response: 3488158
Conc: 21.10 ug/ml



#16 n-Octacosane (C28)

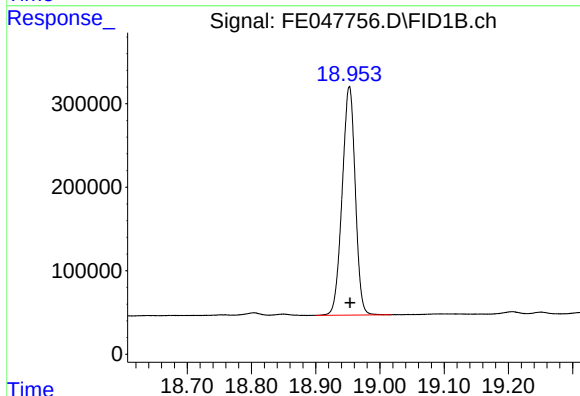
R.T.: 17.232 min
Delta R.T.: -0.003 min
Response: 3570699
Conc: 21.55 ug/ml



#17 n-Tricontane (C30)

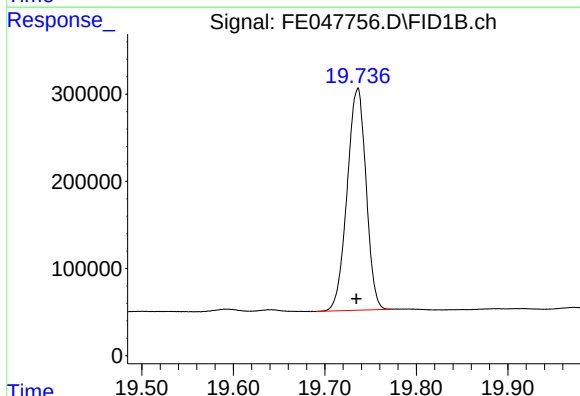
R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 3847495
Conc: 22.66 ug/ml

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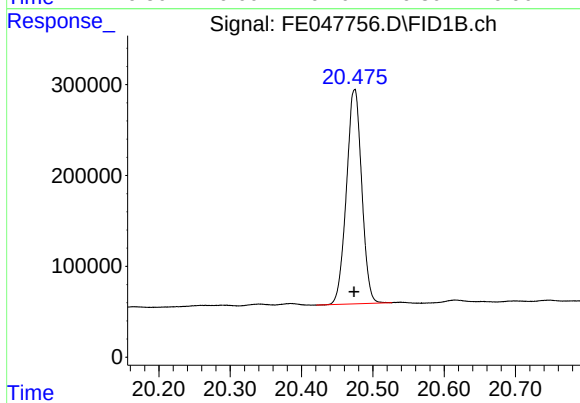
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.001 min
Response: 3882043
Conc: 23.28 ug/ml



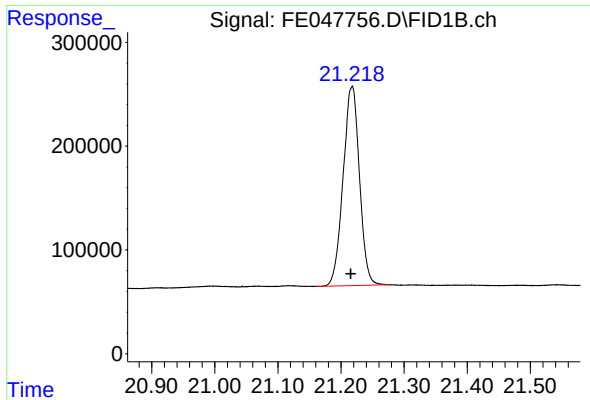
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.002 min
Response: 3663013
Conc: 22.84 ug/ml



#20 n-Hexatriacontane (C36)

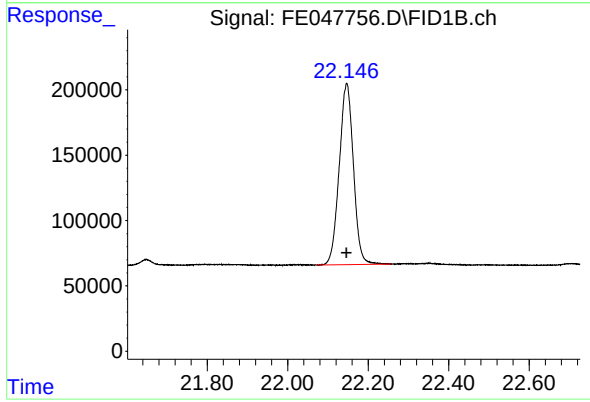
R.T.: 20.474 min
Delta R.T.: 0.000 min
Response: 3513877
Conc: 22.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: 0.002 min
Response: 3459551
Conc: 21.29 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.000 min
Response: 3399892
Conc: 20.77 ug/ml