

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092822AL\
 Data File : FE037824.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2022 06:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 28 06:38:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.610	3539463	20.464 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
12) S 1-chlorooctadecane (S...	13.033	2785110	20.606 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T n-Nonane (C9)	3.010	3040993	20.648 ug/ml
2) T n-Decane (C10)	4.266	3061230	20.705 ug/ml
3) T A~Naphthalene (C11.7)	5.985	2921531	21.334 ug/ml
4) T n-Dodecane (C12)	6.437	3144374	20.635 ug/ml
5) T A~2-methylnaphthalene...	7.078	2734582	20.575 ug/ml
6) T n-Tetradecane (C14)	8.256	3157838	20.632 ug/ml
7) T n-Hexadecane (C16)	9.854	3221760	20.626 ug/ml
8) T n-Octadecane (C18)	11.288	3291298	20.519 ug/ml
10) T n-Eicosane (C20)	12.589	3342465	20.497 ug/ml
11) T n-Heneicosane (C21)	13.197	3366697	20.433 ug/ml
13) T n-Docosane (C22)	13.781	3366682	20.452 ug/ml
14) T n-Tetracosane (C24)	14.877	3344261	20.391 ug/ml
15) T n-Hexacosane (C26)	15.890	3318876	20.353 ug/ml
16) T n-Octacosane (C28)	16.835	3254202	20.313 ug/ml
17) T n-Tricontane (C30)	17.716	3234397	20.212 ug/ml
18) T n-Dotriacontane (C32)	18.545	3165708	20.104 ug/ml
19) T n-Tetratriacontane (C34)	19.323	2970769	20.052 ug/ml
20) T n-Hexatriacontane (C36)	20.058	2887428	20.028 ug/ml
21) T n-Octatriacontane (C38)	20.755	2724849	20.080 ug/ml
22) T n-Tetracontane (C40)	21.523	2551038	20.040 ug/ml

(f)=RT Delta > 1/2 Window

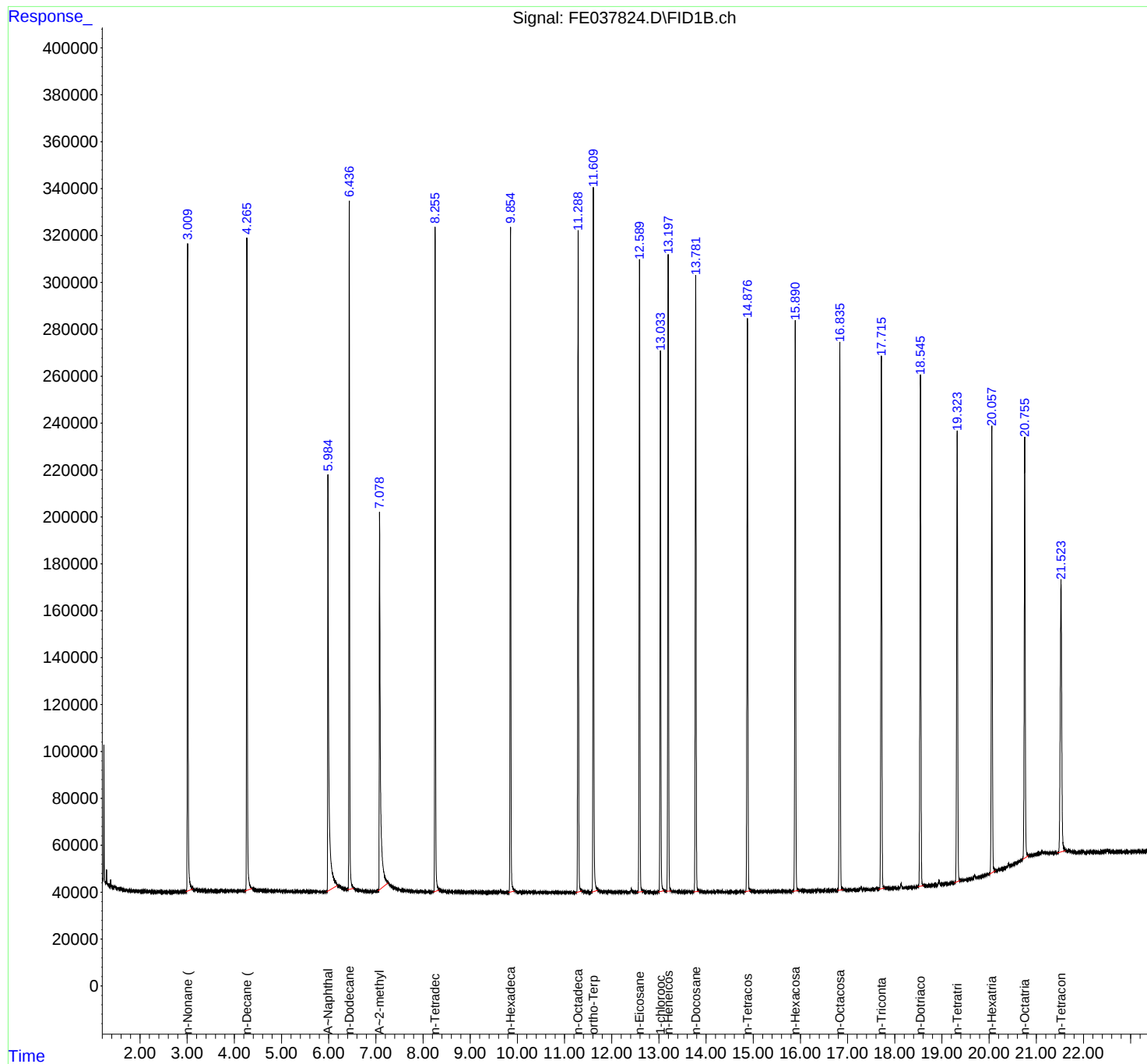
(m)=manual int.

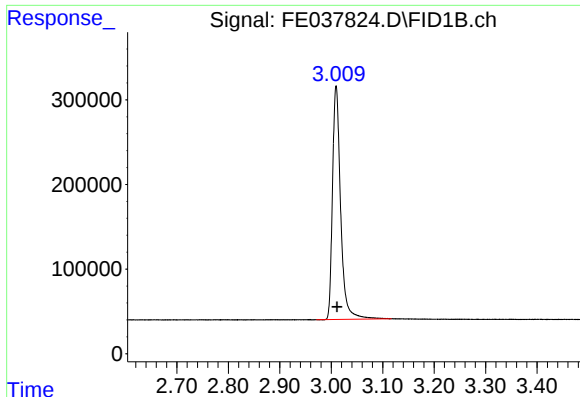
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#1 n-Nonane (C9)

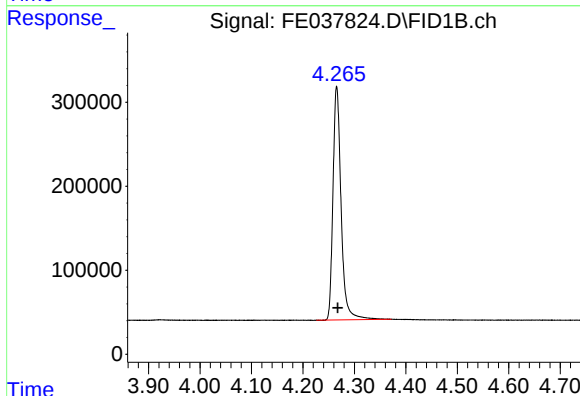
R.T.: 3.010 min
Delta R.T.: -0.001 min
Response: 3040993
Conc: 20.65 ug/ml

Instrument :

FID_E

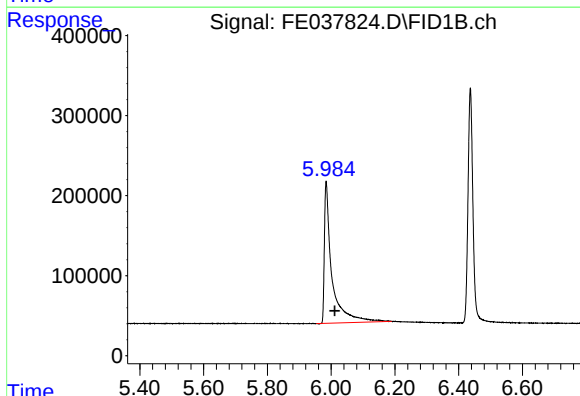
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



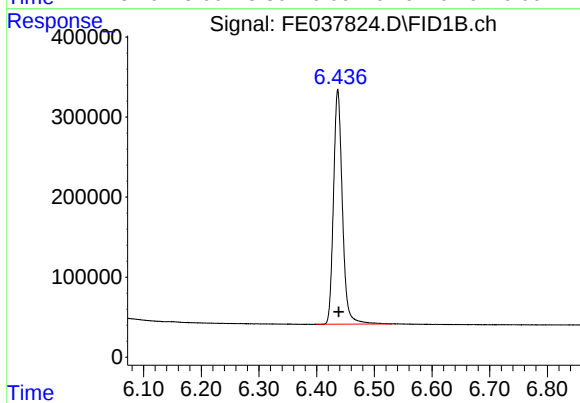
#2 n-Decane (C10)

R.T.: 4.266 min
Delta R.T.: -0.002 min
Response: 3061230
Conc: 20.71 ug/ml



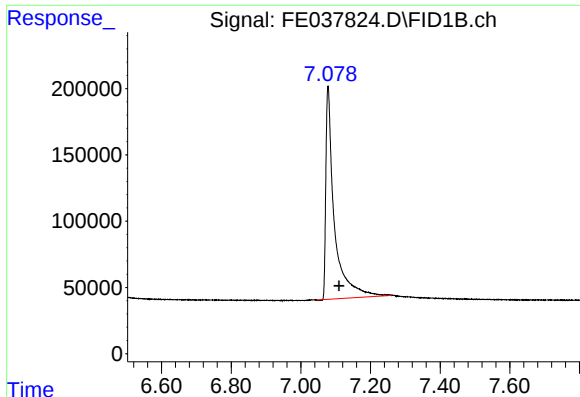
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.026 min
Response: 2921531
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

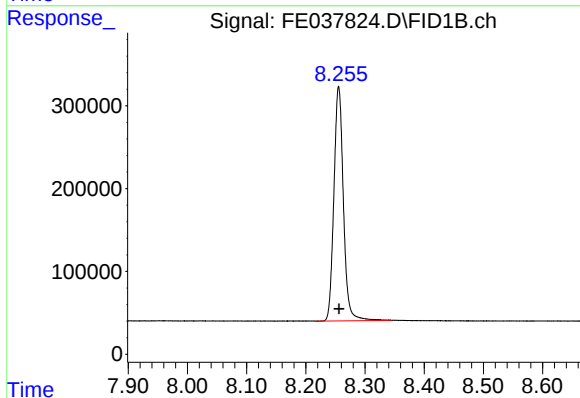
R.T.: 6.437 min
Delta R.T.: -0.002 min
Response: 3144374
Conc: 20.63 ug/ml



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

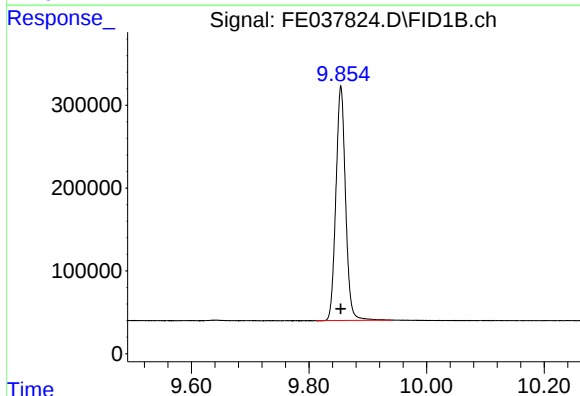
R.T.: 7.078 min
Delta R.T.: -0.031 min
Response: 2734582
Conc: 20.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



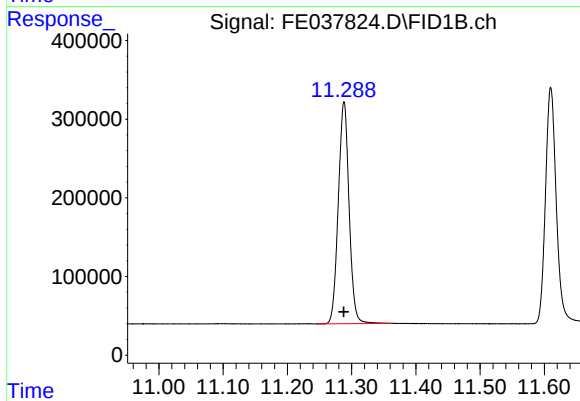
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 3157838
Conc: 20.63 ug/ml



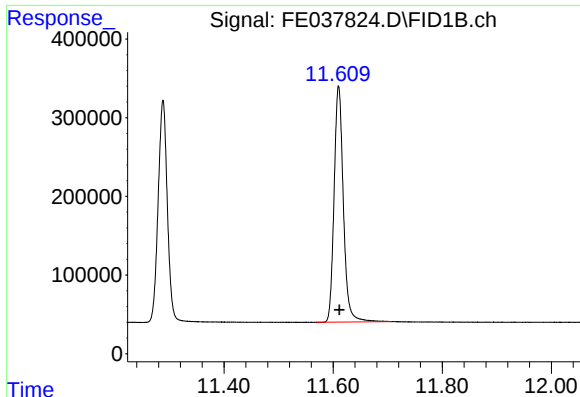
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: 0.000 min
Response: 3221760
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

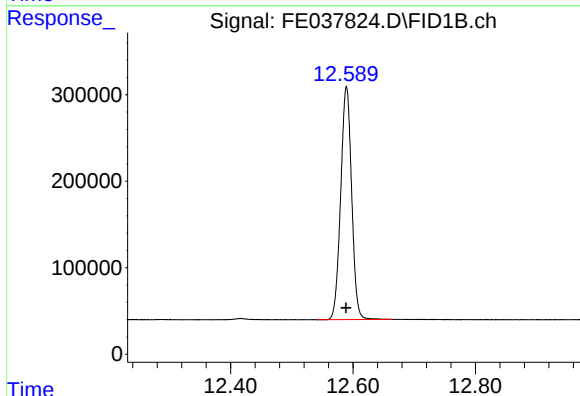
R.T.: 11.288 min
Delta R.T.: 0.000 min
Response: 3291298
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

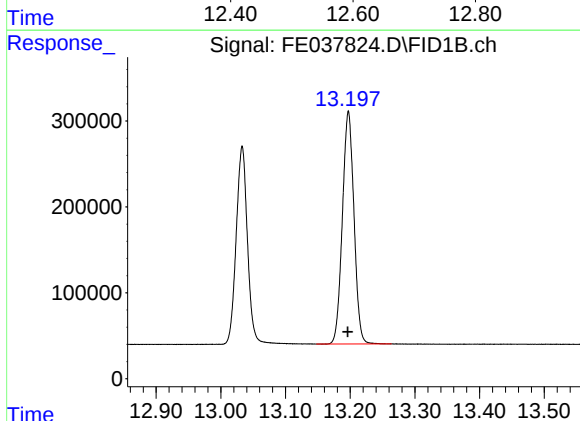
R.T.: 11.610 min
Delta R.T.: -0.002 min
Response: 3539463
Conc: 20.46 ug/ml

Instrument :
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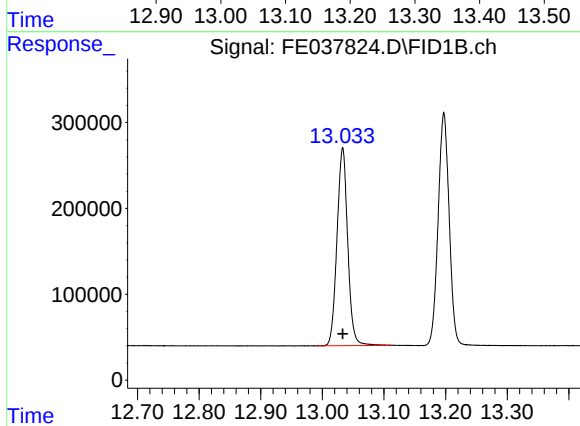
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.000 min
Response: 3342465
Conc: 20.50 ug/ml



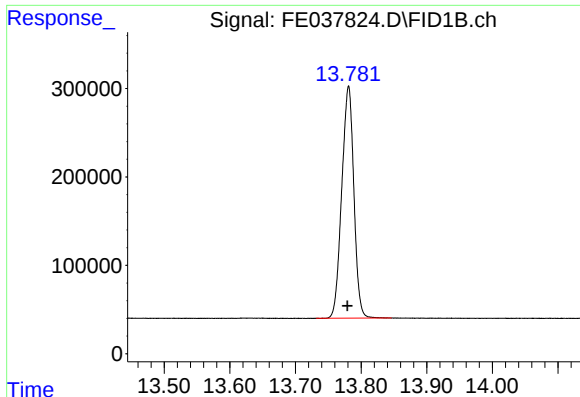
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: 0.001 min
Response: 3366697
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: 0.000 min
Response: 2785110
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

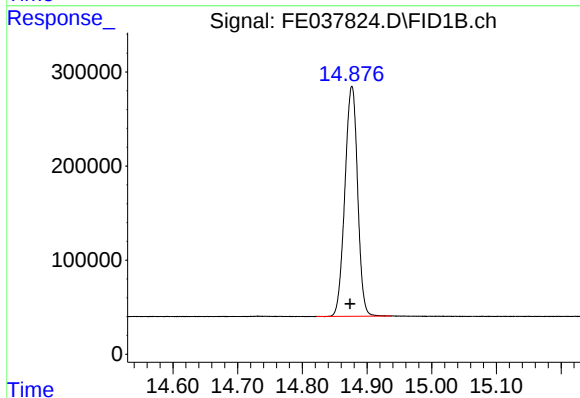
R.T.: 13.781 min
Delta R.T.: 0.002 min
Response: 3366682
Conc: 20.45 ug/ml

Instrument :

FID_E

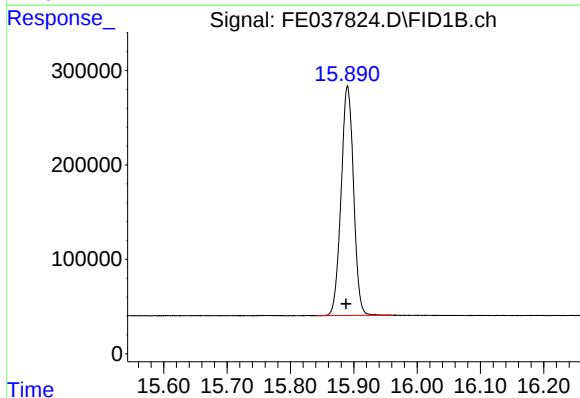
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



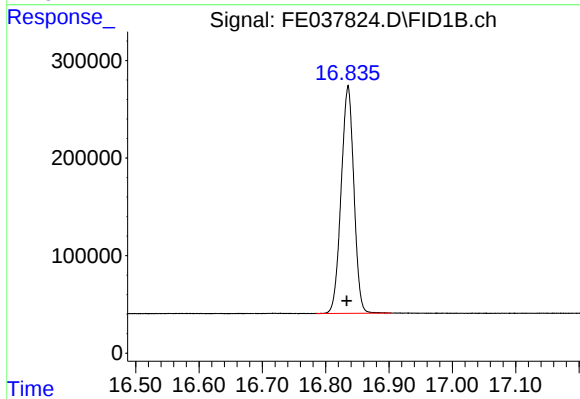
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: 0.003 min
Response: 3344261
Conc: 20.39 ug/ml



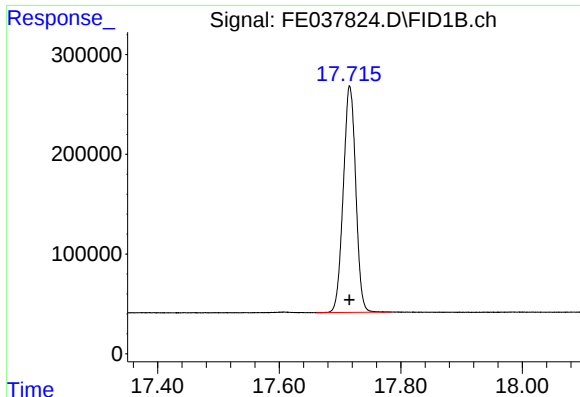
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: 0.002 min
Response: 3318876
Conc: 20.35 ug/ml



#16 n-Octacosane (C28)

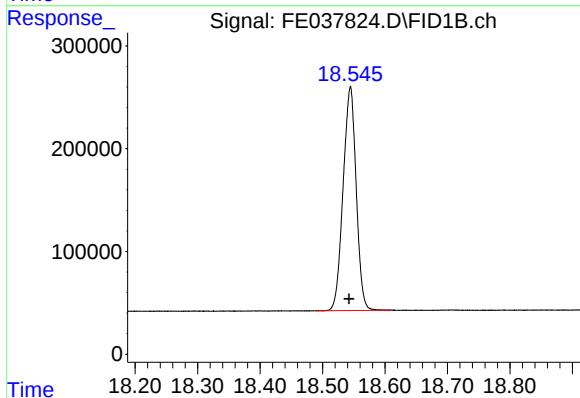
R.T.: 16.835 min
Delta R.T.: 0.002 min
Response: 3254202
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

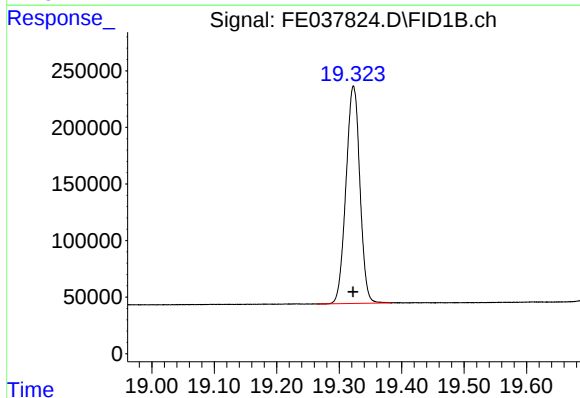
R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 3234397
Conc: 20.21 ug/ml

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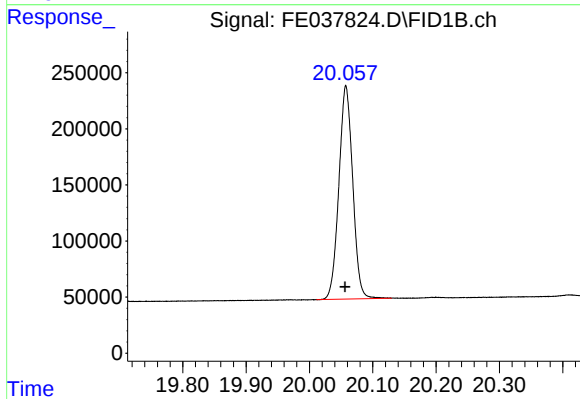
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.002 min
Response: 3165708
Conc: 20.10 ug/ml



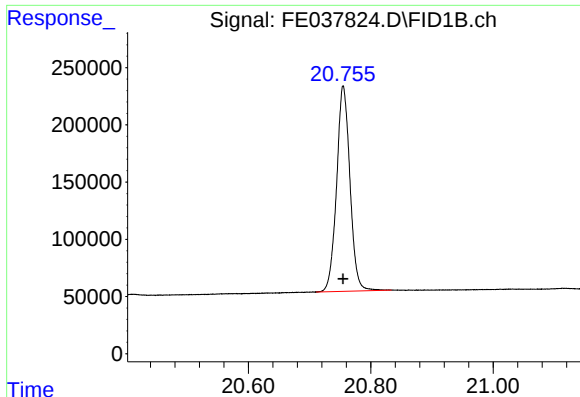
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: 0.000 min
Response: 2970769
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

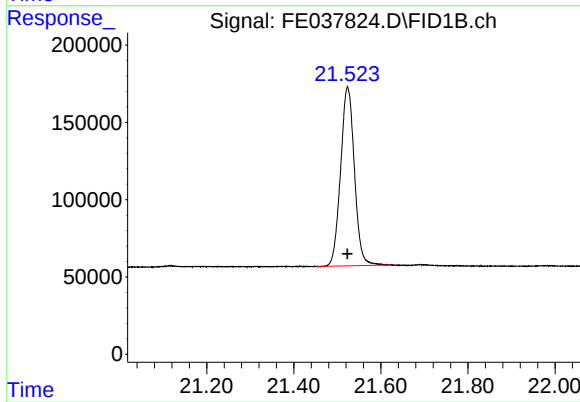
R.T.: 20.058 min
Delta R.T.: 0.002 min
Response: 2887428
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: 0.000 min
Response: 2724849
Conc: 20.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.523 min
Delta R.T.: 0.000 min
Response: 2551038
Conc: 20.04 ug/ml