

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
 Data File : FE047733.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2024 19:02
 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 23 01:22:37 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)	11.976	3489612	20.119 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
12) S 1-chlorooctadecane (S...	13.410	2706387	20.122 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.355	3033353	19.389 ug/ml
2) T n-Decane (C10)	4.608	3143407	19.559 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3332911	19.657 ug/ml
4) T n-Dodecane (C12)	6.775	3169617	19.528 ug/ml
5) T A~2-methylnaphthalene...	7.412	3231352	19.677 ug/ml
6) T n-Tetradecane (C14)	8.603	3174267	19.731 ug/ml
7) T n-Hexadecane (C16)	10.211	3304096	19.895 ug/ml
8) T n-Octadecane (C18)	11.655	3361242	20.043 ug/ml
10) T n-Eicosane (C20)	12.964	3256168	20.099 ug/ml
11) T n-Heneicosane (C21)	13.576	3193373	20.125 ug/ml
13) T n-Docosane (C22)	14.162	3230315	20.129 ug/ml
14) T n-Tetracosane (C24)	15.265	3305132	20.023 ug/ml
15) T n-Hexacosane (C26)	16.286	3332121	20.158 ug/ml
16) T n-Octacosane (C28)	17.235	3414918	20.607 ug/ml
17) T n-Tricontane (C30)	18.122	3635458	21.413 ug/ml
18) T n-Dotriacontane (C32)	18.954	3677453	22.054 ug/ml
19) T n-Tetratriacontane (C34)	19.736	3491607	21.770 ug/ml
20) T n-Hexatriacontane (C36)	20.477	3372829	21.146 ug/ml
21) T n-Octatriacontane (C38)	21.220	3349933	20.612 ug/ml
22) T n-Tetracontane (C40)	22.149	3299357	20.152 ug/ml

(f)=RT Delta > 1/2 Window

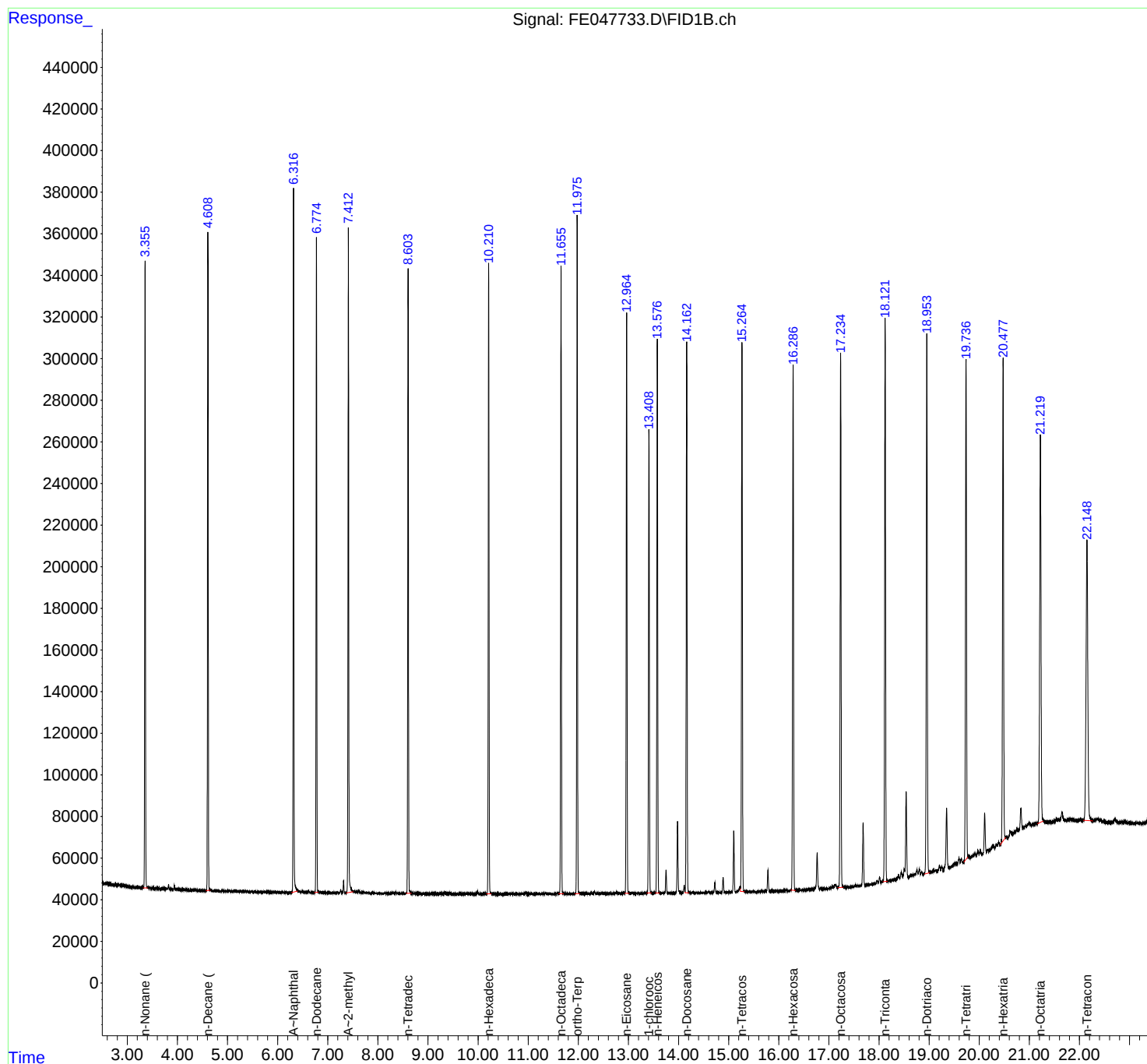
(m)=manual int.

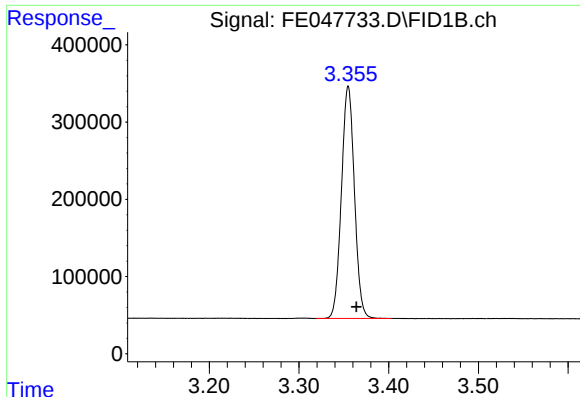
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
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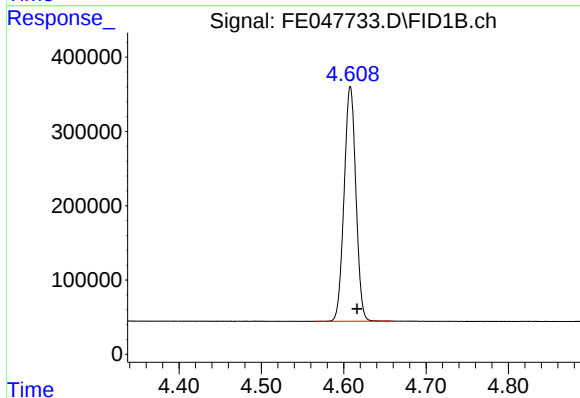




#1 n-Nonane (C9)

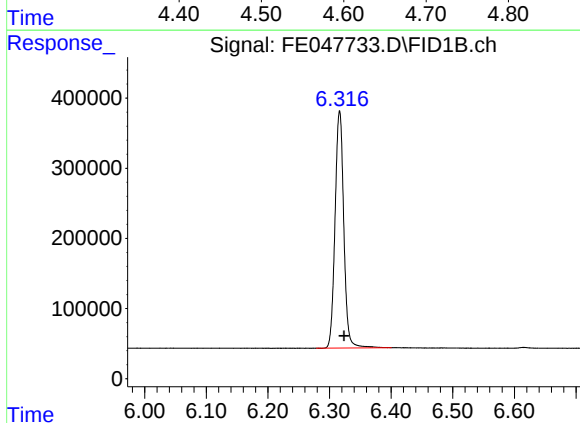
R.T.: 3.355 min
Delta R.T.: -0.009 min
Response: 3033353
Conc: 19.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



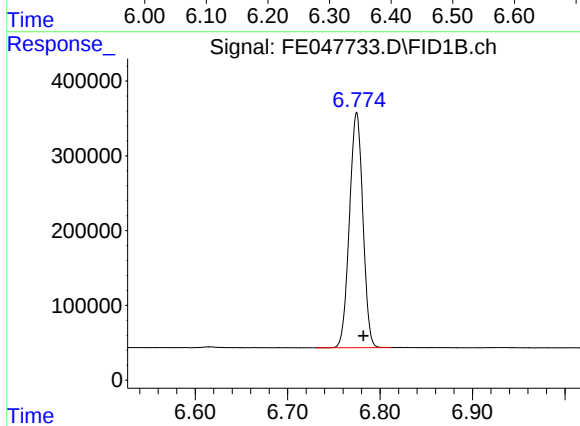
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.008 min
Response: 3143407
Conc: 19.56 ug/ml



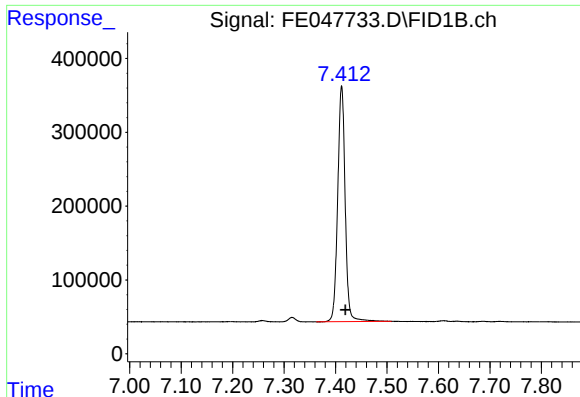
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: -0.007 min
Response: 3332911
Conc: 19.66 ug/ml



#4 n-Dodecane (C12)

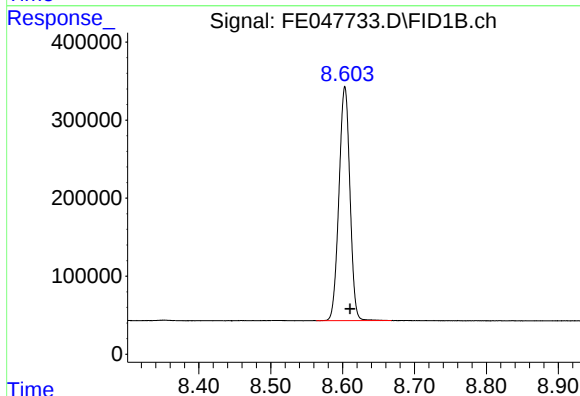
R.T.: 6.775 min
Delta R.T.: -0.007 min
Response: 3169617
Conc: 19.53 ug/ml



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

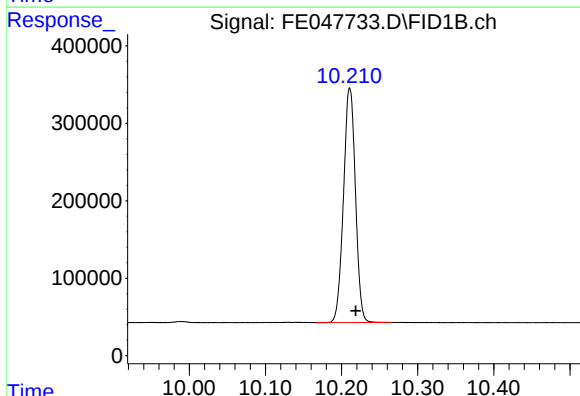
R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 3231352
Conc: 19.68 ug/ml

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20 PPM ALIPHATIC HC STD



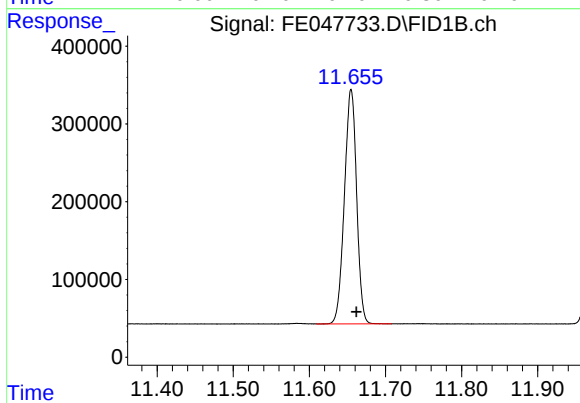
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.007 min
Response: 3174267
Conc: 19.73 ug/ml



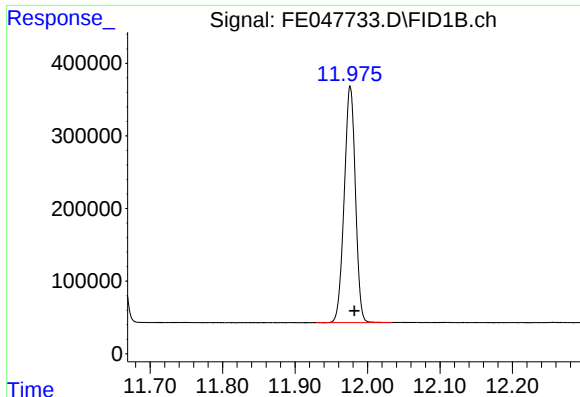
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: -0.008 min
Response: 3304096
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

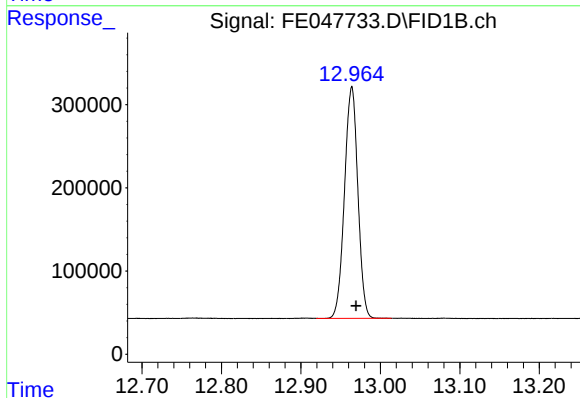
R.T.: 11.655 min
Delta R.T.: -0.007 min
Response: 3361242
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

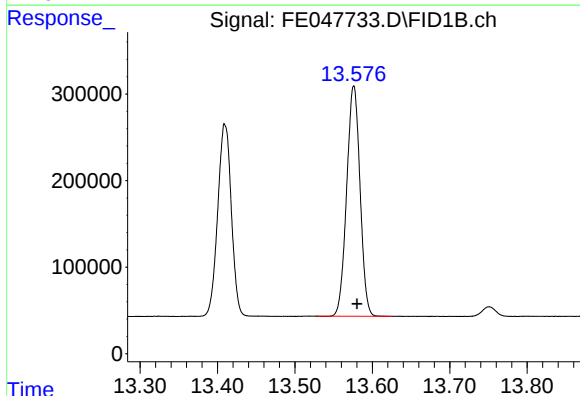
R.T.: 11.976 min
Delta R.T.: -0.006 min
Response: 3489612
Conc: 20.12 ug/ml

Instrument :
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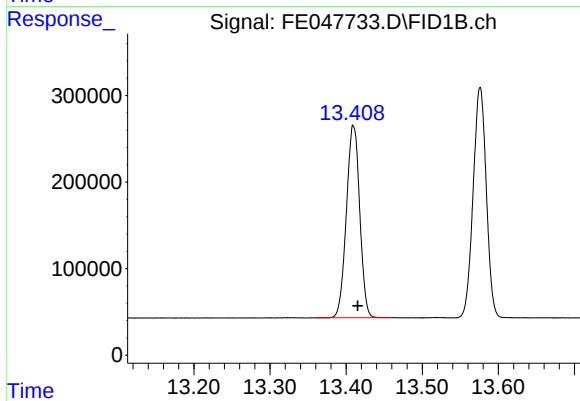
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.005 min
Response: 3256168
Conc: 20.10 ug/ml



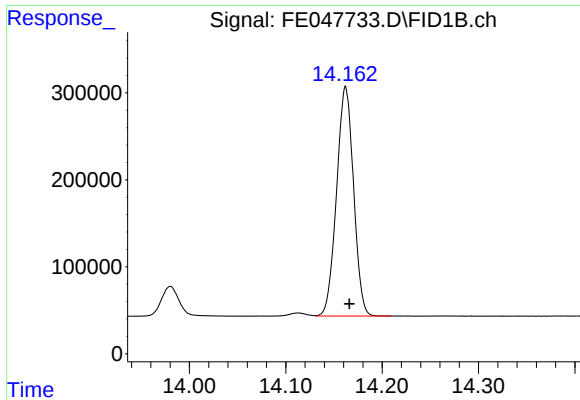
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.004 min
Response: 3193373
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

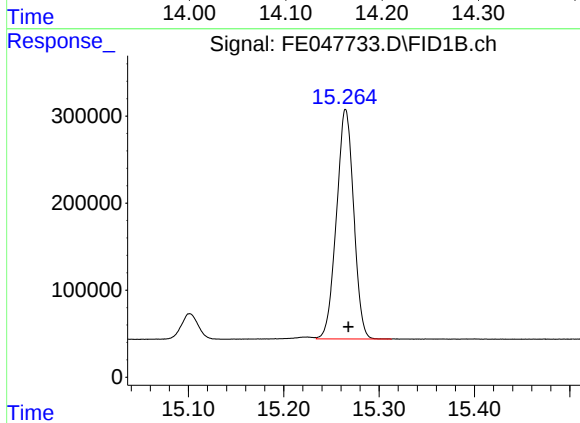
R.T.: 13.410 min
Delta R.T.: -0.006 min
Response: 2706387
Conc: 20.12 ug/ml



#13 n-Docosane (C22)

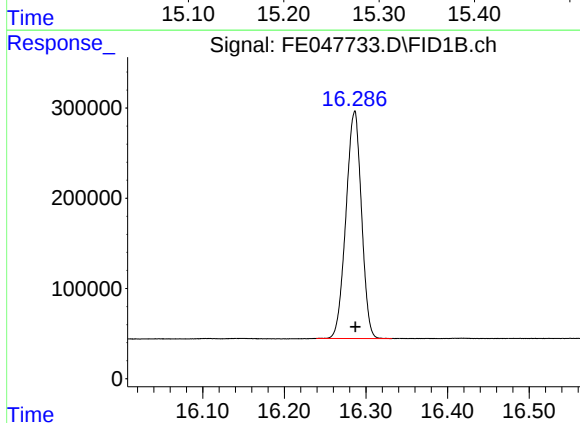
R.T.: 14.162 min
Delta R.T.: -0.004 min
Response: 3230315
Conc: 20.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



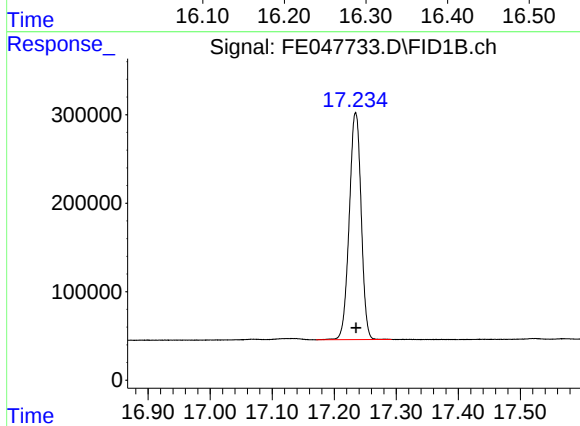
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.003 min
Response: 3305132
Conc: 20.02 ug/ml



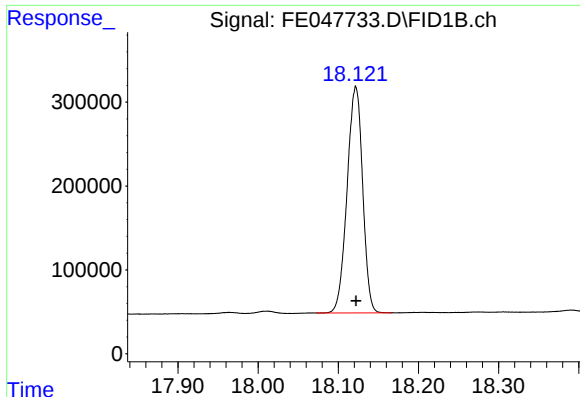
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.000 min
Response: 3332121
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

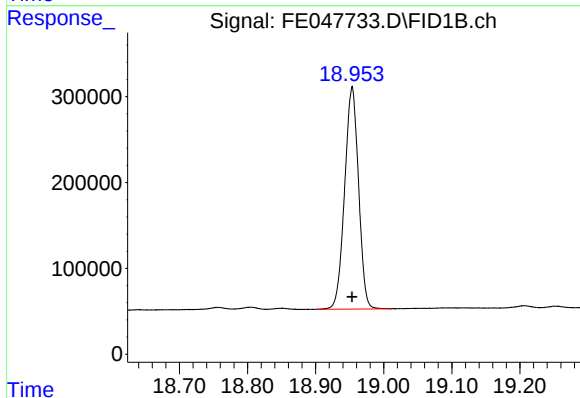
R.T.: 17.235 min
Delta R.T.: 0.000 min
Response: 3414918
Conc: 20.61 ug/ml



#17 n-Tricontane (C30)

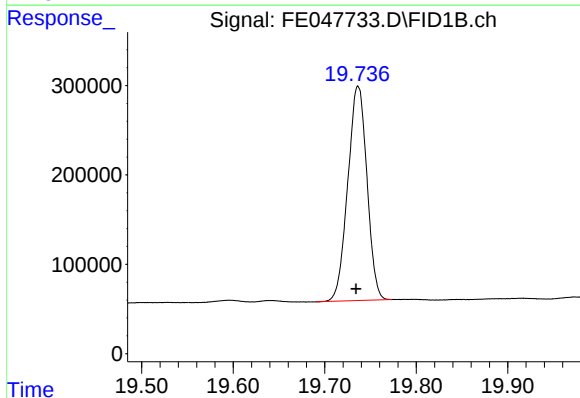
R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 3635458
Conc: 21.41 ug/ml

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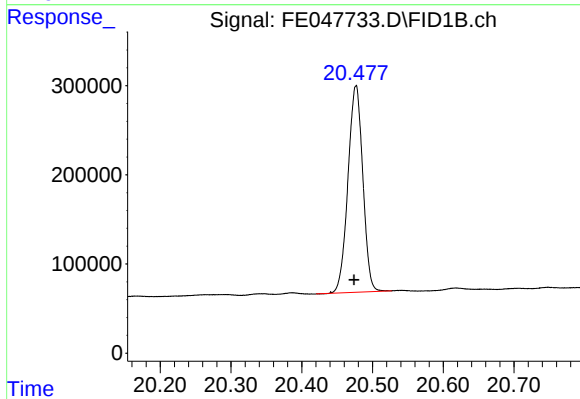
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.000 min
Response: 3677453
Conc: 22.05 ug/ml



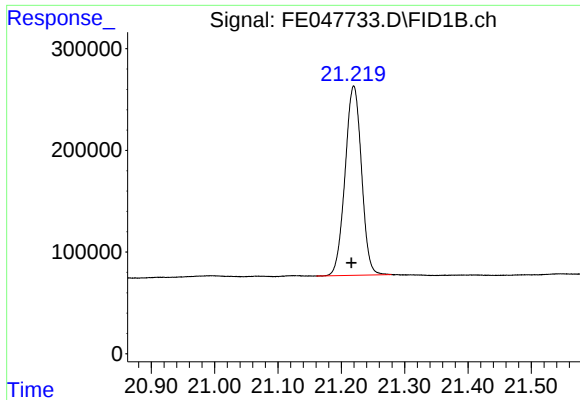
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.002 min
Response: 3491607
Conc: 21.77 ug/ml



#20 n-Hexatriacontane (C36)

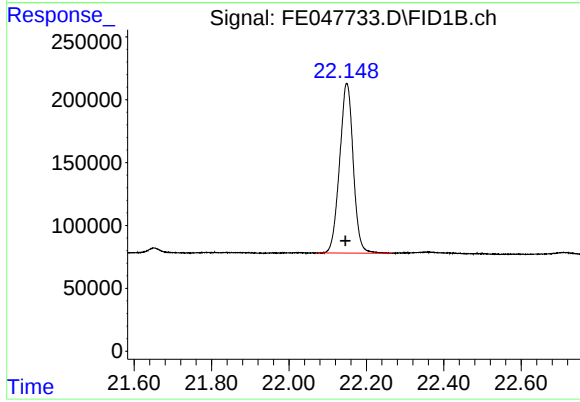
R.T.: 20.477 min
Delta R.T.: 0.003 min
Response: 3372829
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.004 min
Response: 3349933
Conc: 20.61 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.003 min
Response: 3299357
Conc: 20.15 ug/ml