

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
 Data File : FE052384.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2025 22:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 14 00:53:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.918	3669792	19.632 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.364	2722743	19.589 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T n-Nonane (C9)	3.254	3046980	19.850 ug/ml
2) T n-Decane (C10)	4.516	3109267	19.907 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3443332	19.930 ug/ml
4) T n-Dodecane (C12)	6.698	3136544	19.871 ug/ml
5) T A~2-methylnaphthalene...	7.331	3339274	19.883 ug/ml
6) T n-Tetradecane (C14)	8.536	3121462	19.817 ug/ml
7) T n-Hexadecane (C16)	10.152	3229483	19.760 ug/ml
8) T n-Octadecane (C18)	11.603	3257423	19.687 ug/ml
10) T n-Eicosane (C20)	12.918	3125621	19.606 ug/ml
11) T n-Heneicosane (C21)	13.533	3071539	19.605 ug/ml
13) T n-Docosane (C22)	14.121	3051830	19.501 ug/ml
14) T n-Tetracosane (C24)	15.228	3023140	19.223 ug/ml
15) T n-Hexacosane (C26)	16.253	2953865	19.071 ug/ml
16) T n-Octacosane (C28)	17.207	2896204	18.934 ug/ml
17) T n-Tricontane (C30)	18.097	2941601	18.845 ug/ml
18) T n-Dotriacontane (C32)	18.932	2858969	18.684 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2677722	18.822 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2408626	19.325 ug/ml
21) T n-Octatriacontane (C38)	21.205	2158447	19.748 ug/ml
22) T n-Tetracontane (C40)	22.128	1996466	19.848 ug/ml

(f)=RT Delta > 1/2 Window

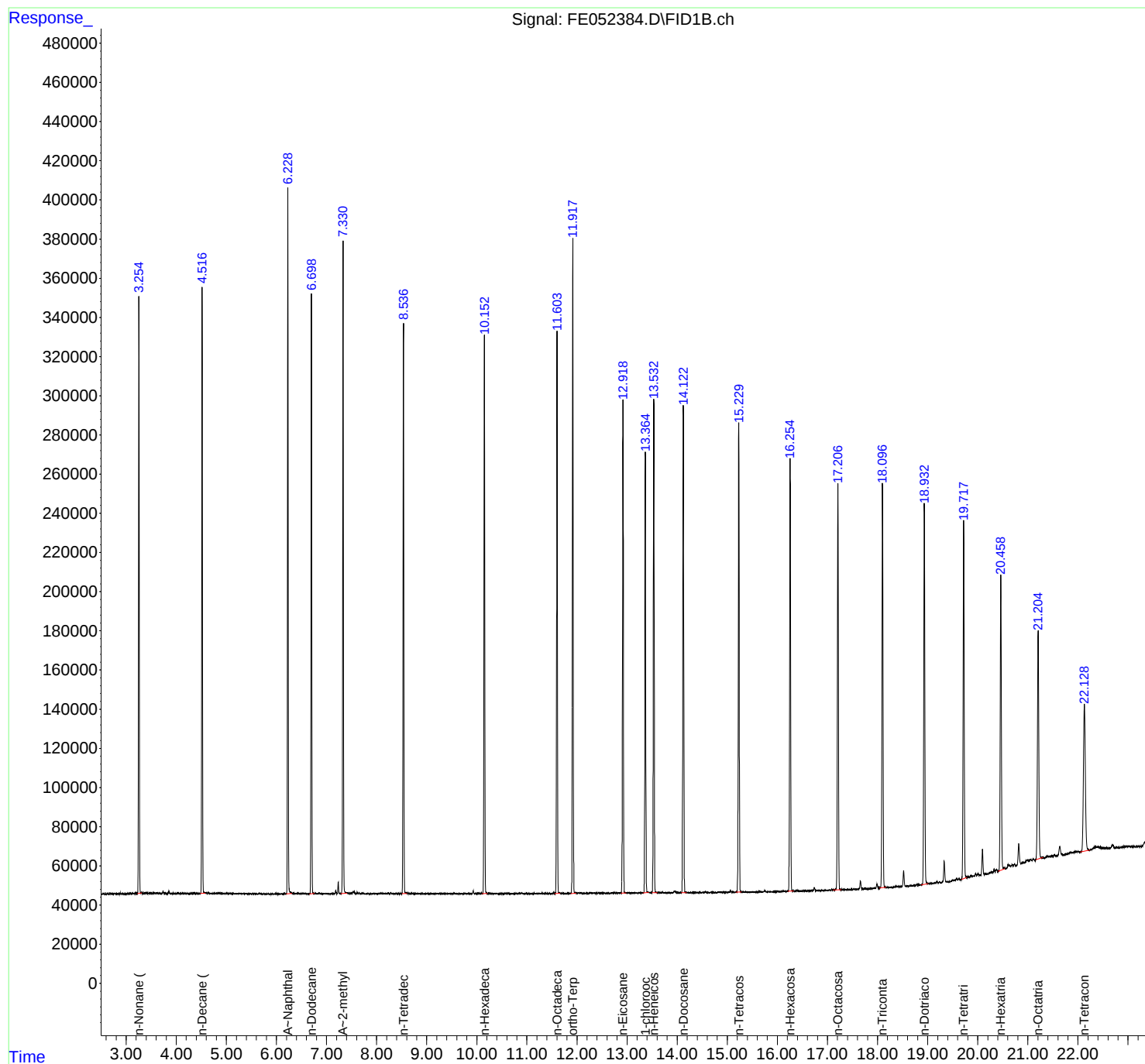
(m)=manual int.

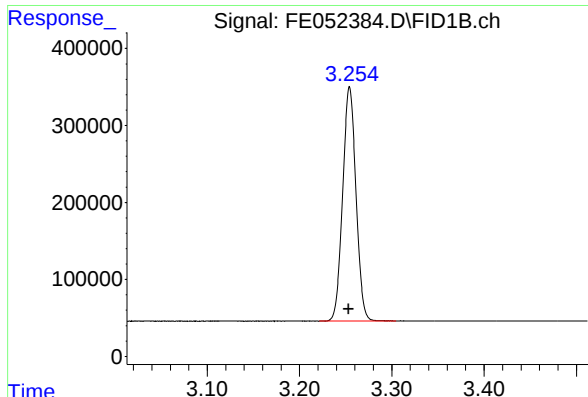
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
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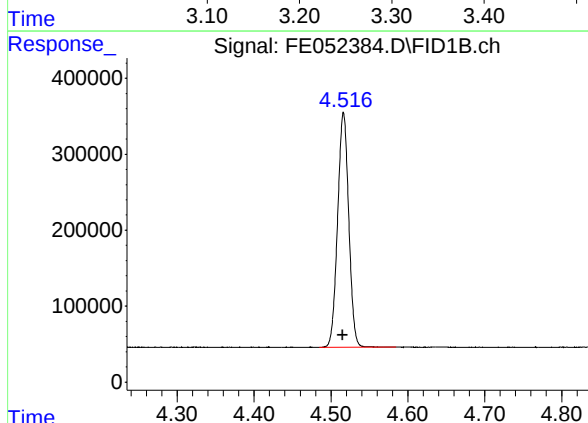




#1 n-Nonane (C9)

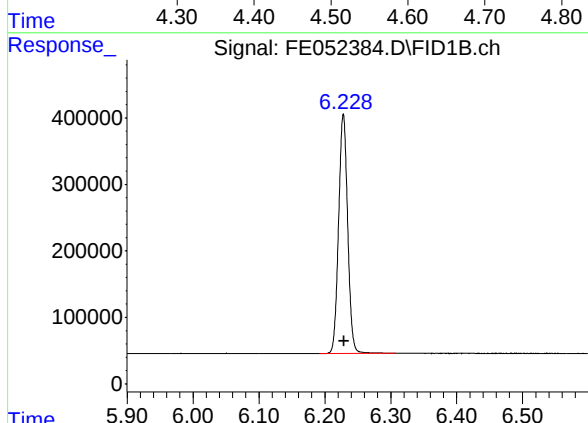
R.T.: 3.254 min
Delta R.T.: 0.001 min
Response: 3046980
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



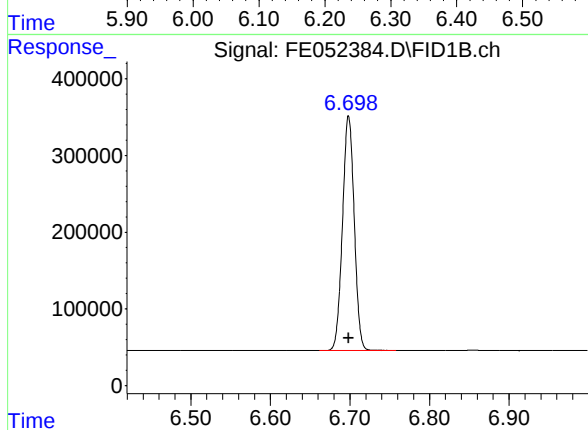
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 3109267
Conc: 19.91 ug/ml



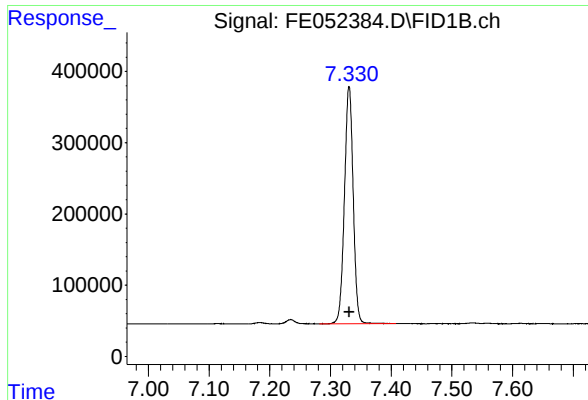
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 3443332
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

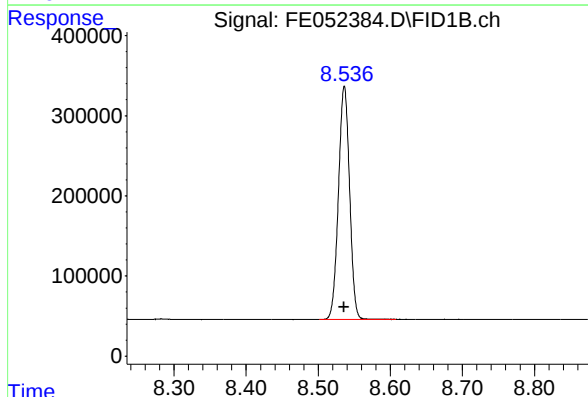
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3136544
Conc: 19.87 ug/ml



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

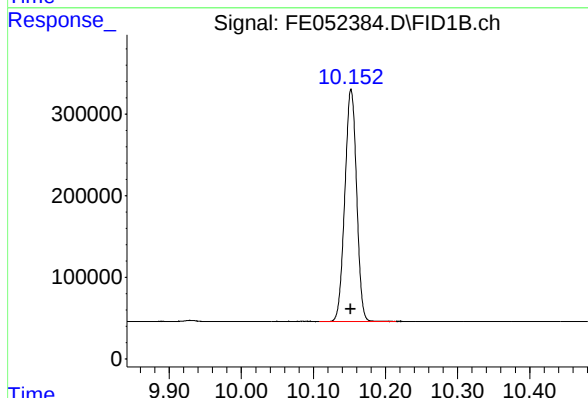
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 3339274
Conc: 19.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



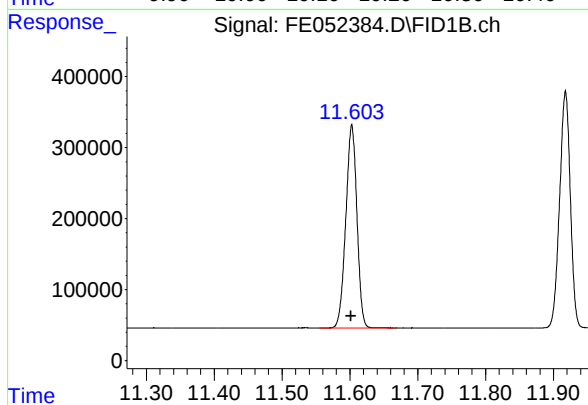
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 3121462
Conc: 19.82 ug/ml



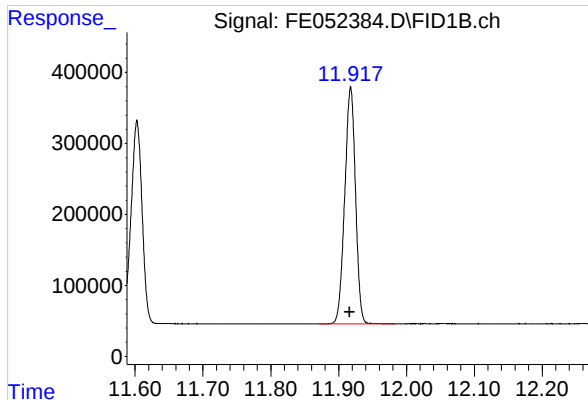
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 3229483
Conc: 19.76 ug/ml



#8 n-Octadecane (C18)

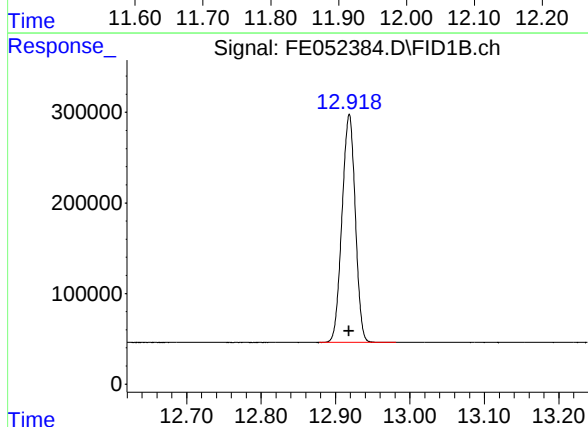
R.T.: 11.603 min
Delta R.T.: 0.000 min
Response: 3257423
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

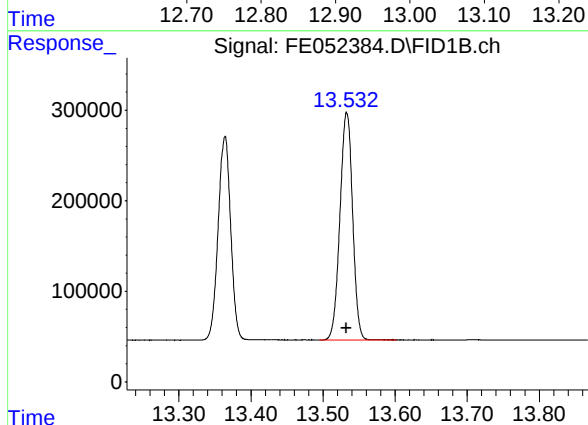
R.T.: 11.918 min
Delta R.T.: 0.001 min
Response: 3669792
Conc: 19.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



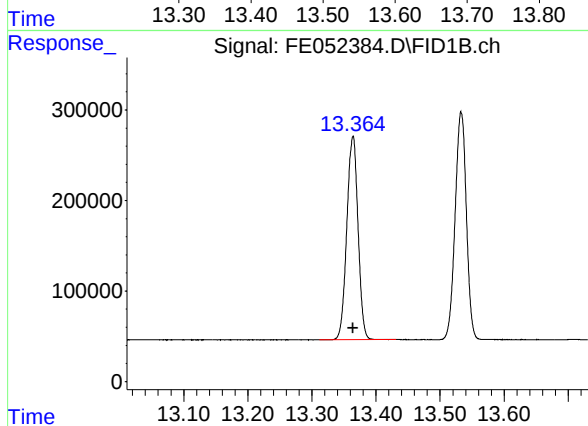
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 3125621
Conc: 19.61 ug/ml



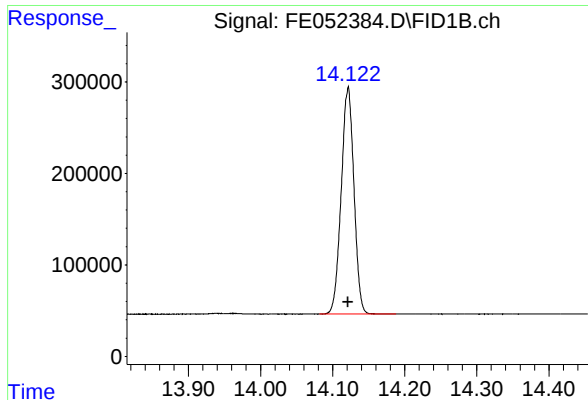
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.000 min
Response: 3071539
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

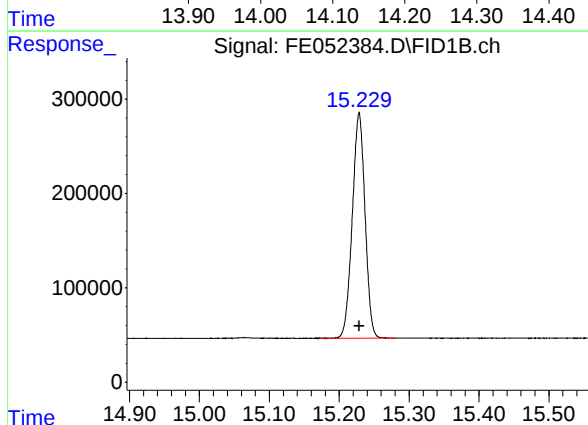
R.T.: 13.364 min
Delta R.T.: 0.000 min
Response: 2722743
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

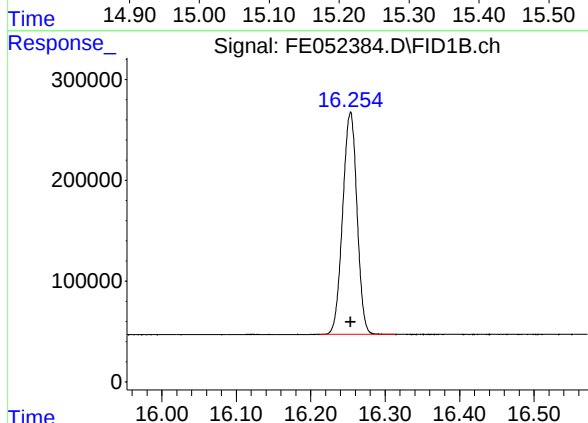
R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 3051830
Conc: 19.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



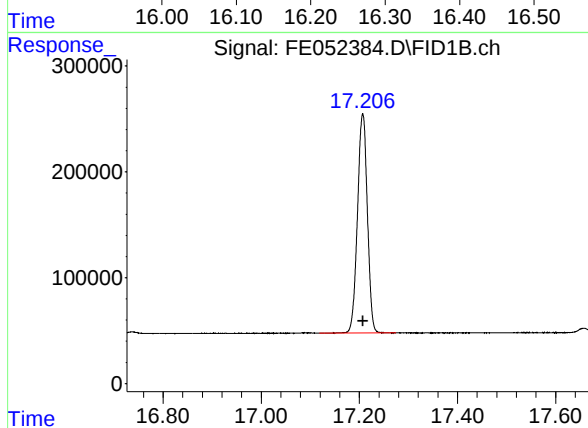
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.000 min
Response: 3023140
Conc: 19.22 ug/ml



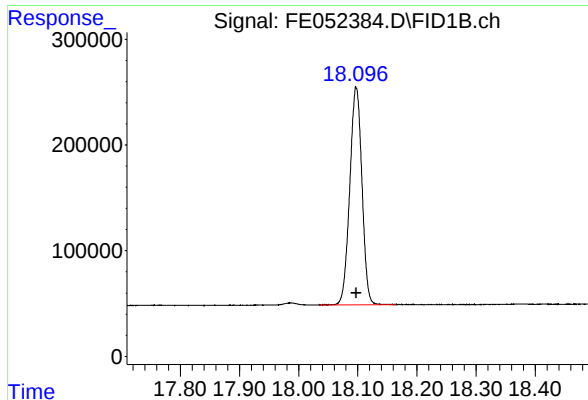
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: 0.000 min
Response: 2953865
Conc: 19.07 ug/ml



#16 n-Octacosane (C28)

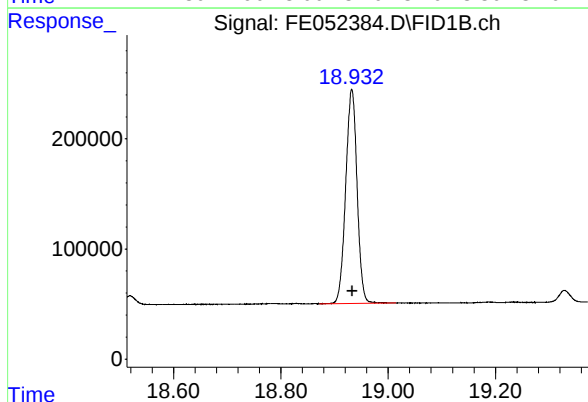
R.T.: 17.207 min
Delta R.T.: 0.000 min
Response: 2896204
Conc: 18.93 ug/ml



#17 n-Tricontane (C30)

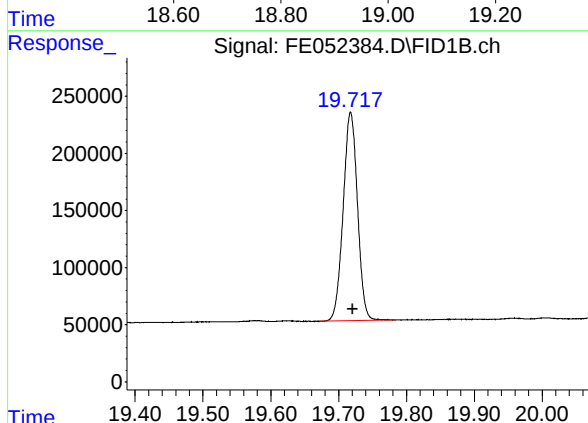
R.T.: 18.097 min
Delta R.T.: 0.000 min
Response: 2941601
Conc: 18.84 ug/ml

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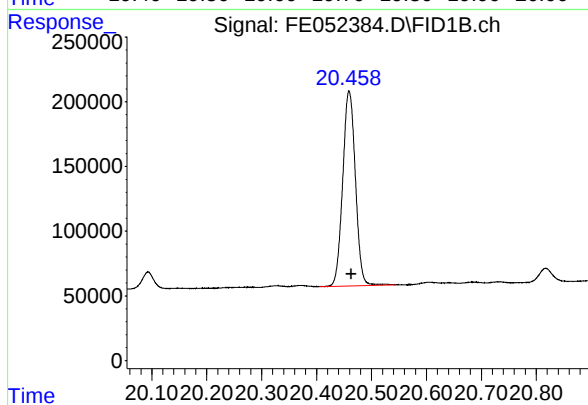
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.001 min
Response: 2858969
Conc: 18.68 ug/ml



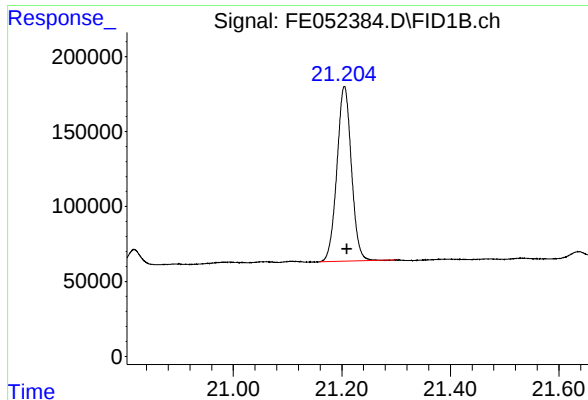
#19 n-Tetatriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.003 min
Response: 2677722
Conc: 18.82 ug/ml



#20 n-Hexatriacontane (C36)

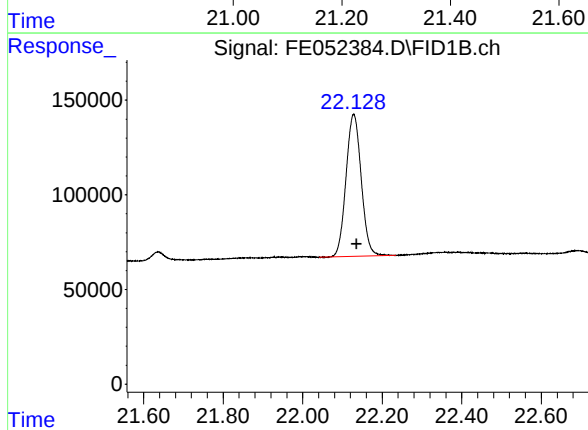
R.T.: 20.459 min
Delta R.T.: -0.004 min
Response: 2408626
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.005 min
Response: 2158447
Conc: 19.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.007 min
Response: 1996466
Conc: 19.85 ug/ml