

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030625AL\
 Data File : FE052656.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2025 12:40
 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: autoint1.e
 Quant Time: Mar 07 02:06:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.917	3018226	17.903 ug/ml
Spiked Amount 50.000		Recovery =	35.81%
12) S 1-chlorooctadecane (S...	13.363	2267671	18.675 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.252	2820491	18.191 ug/ml
2) T n-Decane (C10)	4.514	2927869	18.637 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3149009	18.568 ug/ml
4) T n-Dodecane (C12)	6.697	2894580	18.591 ug/ml
5) T A~2-methylnaphthalene...	7.332	3012642	18.590 ug/ml
6) T n-Tetradecane (C14)	8.535	2793509	18.462 ug/ml
7) T n-Hexadecane (C16)	10.151	2823738	18.469 ug/ml
8) T n-Octadecane (C18)	11.601	2803929	18.430 ug/ml
10) T n-Eicosane (C20)	12.916	2660626	18.327 ug/ml
11) T n-Heneicosane (C21)	13.531	2609178	18.332 ug/ml
13) T n-Docosane (C22)	14.120	2598047	18.256 ug/ml
14) T n-Tetracosane (C24)	15.227	2599675	18.166 ug/ml
15) T n-Hexacosane (C26)	16.251	2577881	18.129 ug/ml
16) T n-Octacosane (C28)	17.204	2594612	18.247 ug/ml
17) T n-Tricontane (C30)	18.094	2730264	18.485 ug/ml
18) T n-Dotriacontane (C32)	18.930	2729610	18.802 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2478699	18.391 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2216442	18.653 ug/ml
21) T n-Octatriacontane (C38)	21.202	2173211	19.590 ug/ml
22) T n-Tetracontane (C40)	22.128	2228574	20.613 ug/ml

(f)=RT Delta > 1/2 Window

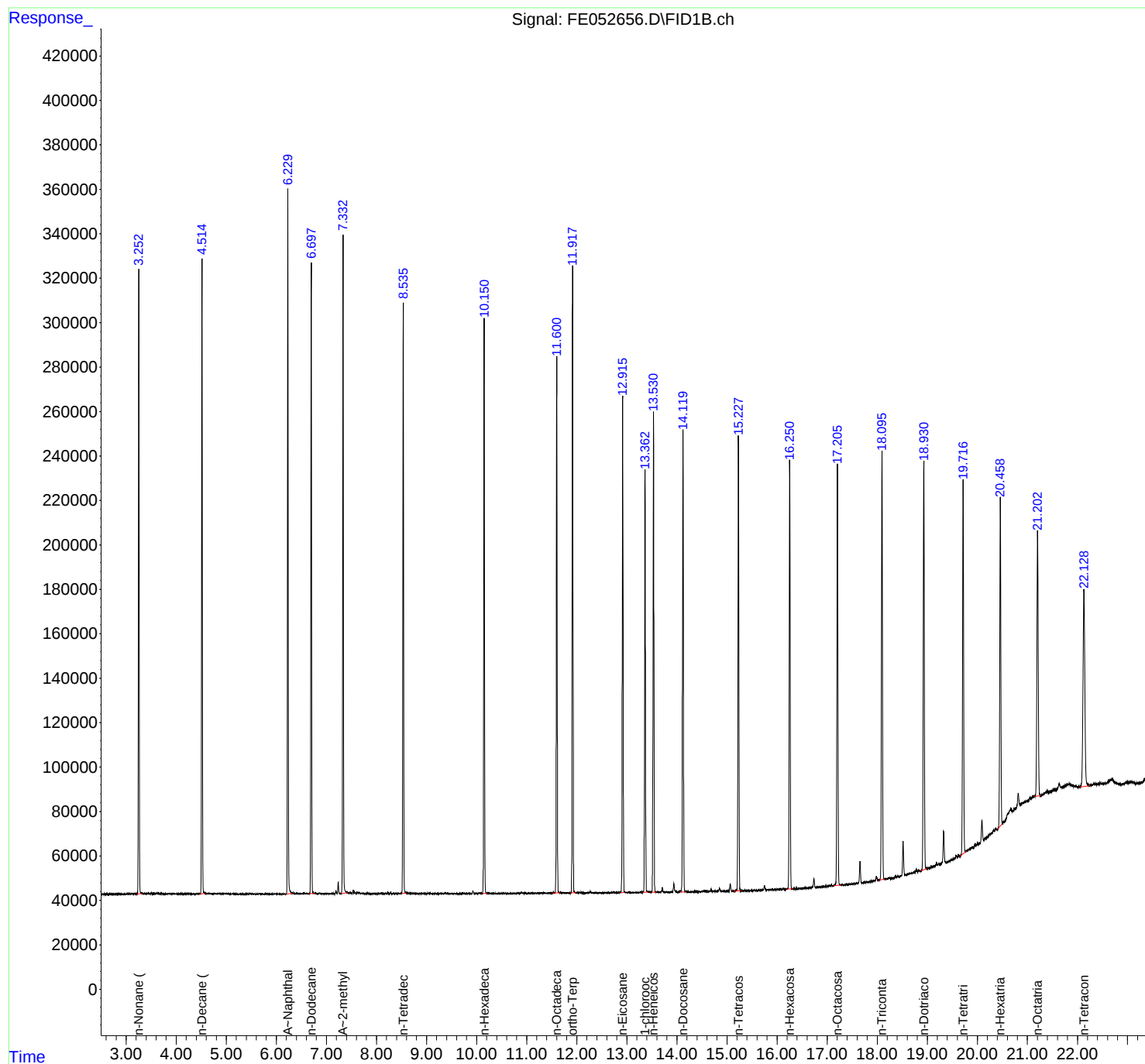
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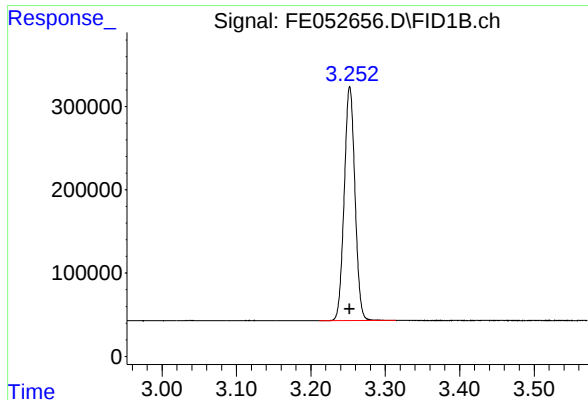
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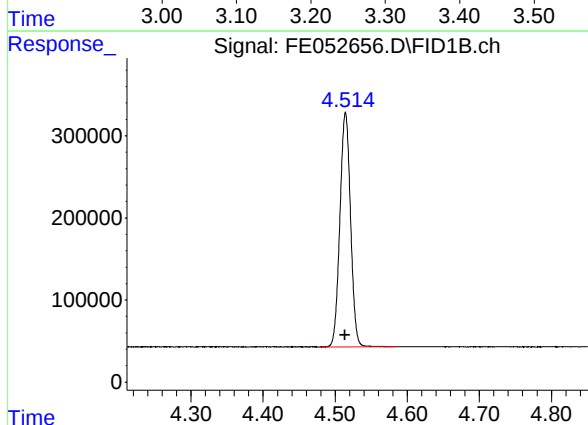




#1 n-Nonane (C9)

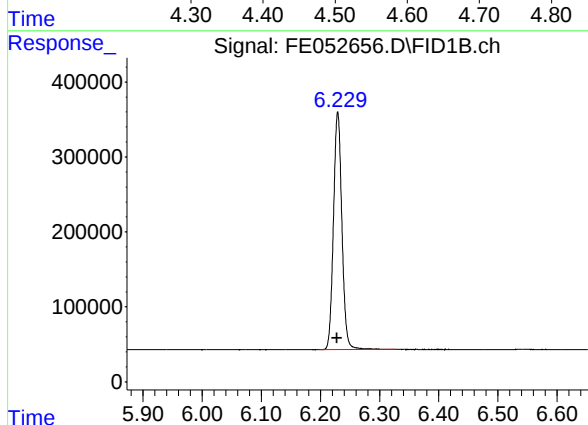
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 2820491
Conc: 18.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



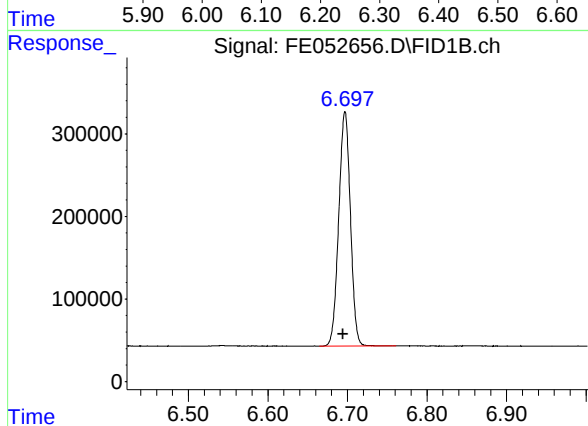
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 2927869
Conc: 18.64 ug/ml



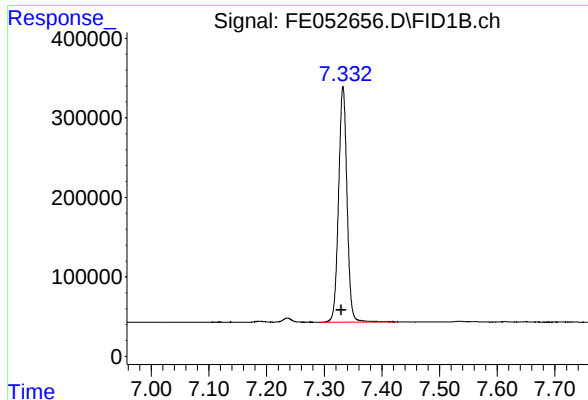
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 3149009
Conc: 18.57 ug/ml



#4 n-Dodecane (C12)

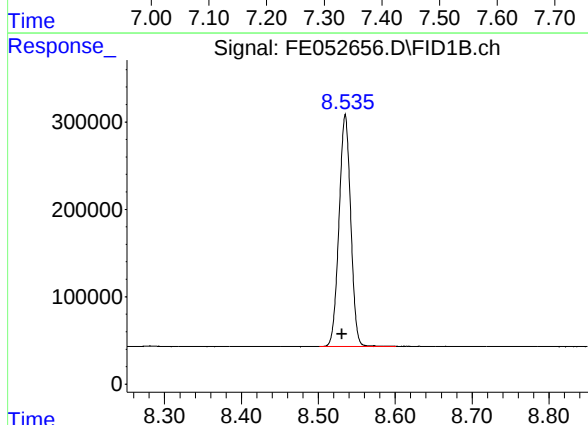
R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 2894580
Conc: 18.59 ug/ml



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

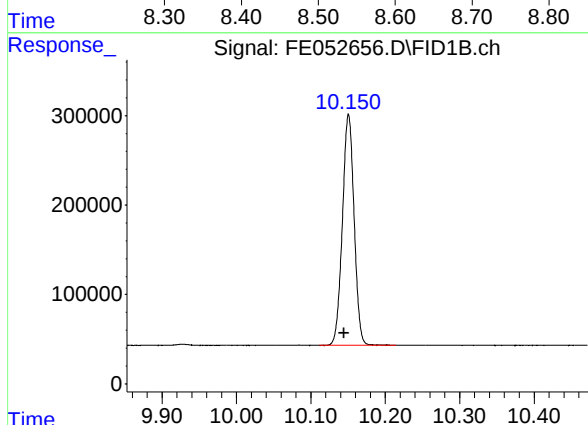
R.T.: 7.332 min
Delta R.T.: 0.003 min
Response: 3012642
Conc: 18.59 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



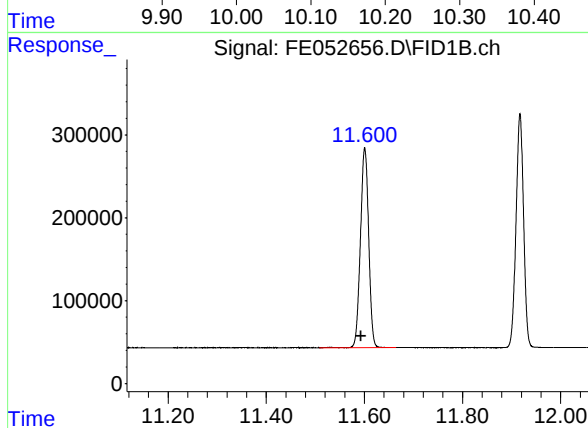
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: 0.004 min
Response: 2793509
Conc: 18.46 ug/ml



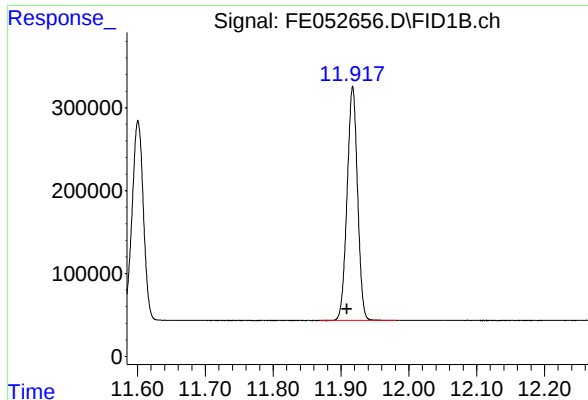
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: 0.006 min
Response: 2823738
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

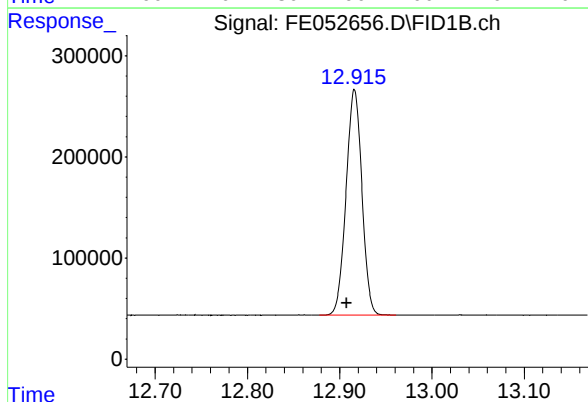
R.T.: 11.601 min
Delta R.T.: 0.008 min
Response: 2803929
Conc: 18.43 ug/ml



#9 ortho-Terphenyl (SURR)

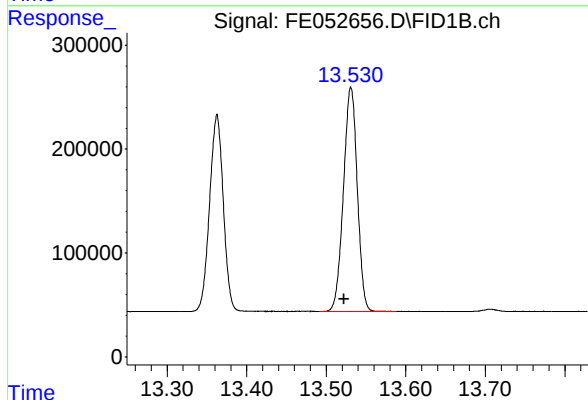
R.T.: 11.917 min
Delta R.T.: 0.009 min
Response: 3018226
Conc: 17.90 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



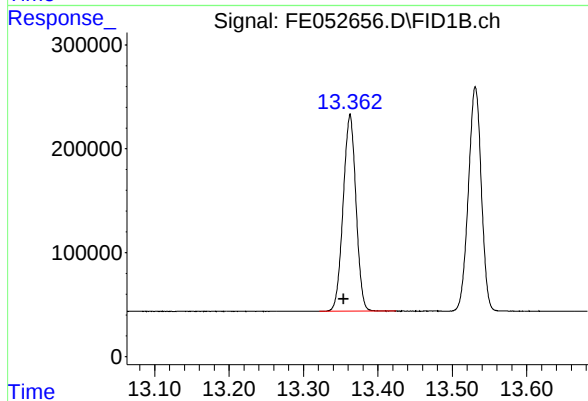
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.008 min
Response: 2660626
Conc: 18.33 ug/ml



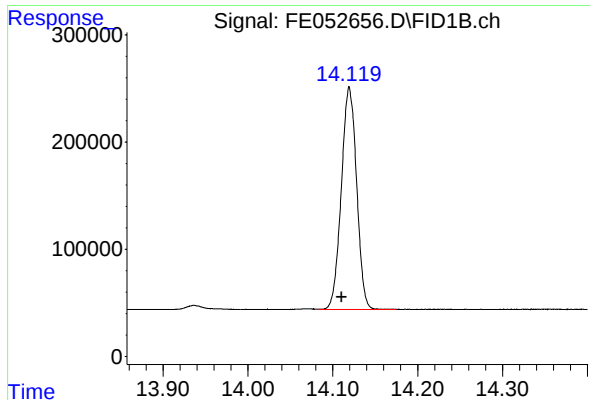
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.009 min
Response: 2609178
Conc: 18.33 ug/ml



#12 1-chlorooctadecane (SURR)

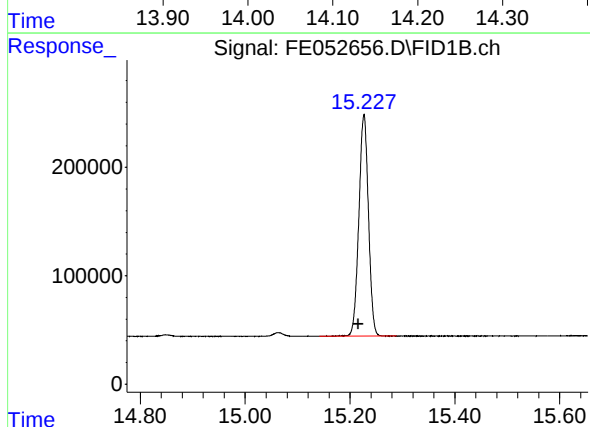
R.T.: 13.363 min
Delta R.T.: 0.008 min
Response: 2267671
Conc: 18.68 ug/ml



#13 n-Docosane (C22)

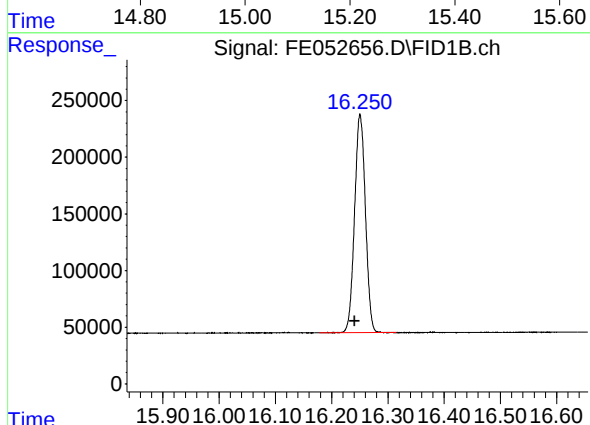
R.T.: 14.120 min
Delta R.T.: 0.009 min
Response: 2598047
Conc: 18.26 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



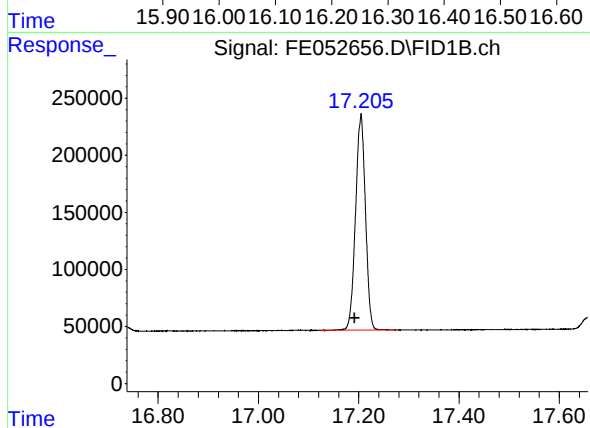
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: 0.011 min
Response: 2599675
Conc: 18.17 ug/ml



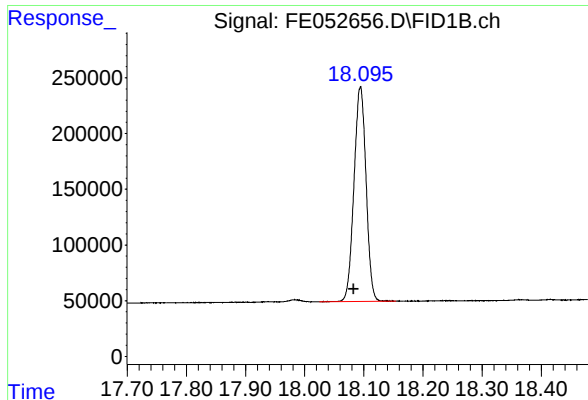
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.010 min
Response: 2577881
Conc: 18.13 ug/ml



#16 n-Octacosane (C28)

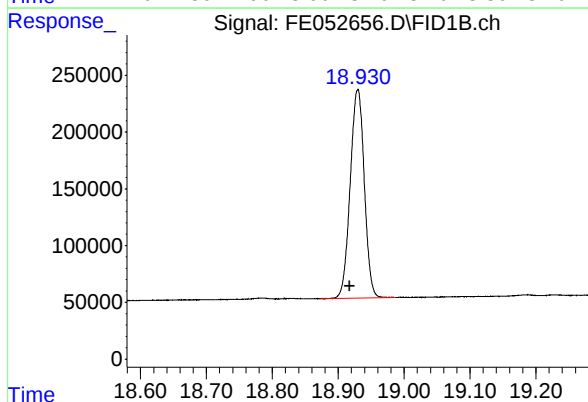
R.T.: 17.204 min
Delta R.T.: 0.012 min
Response: 2594612
Conc: 18.25 ug/ml



#17 n-Tricontane (C30)

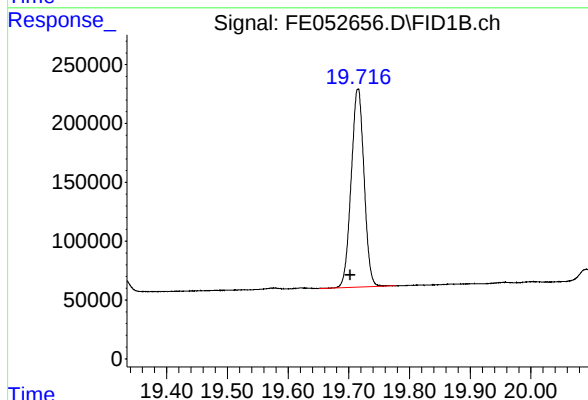
R.T.: 18.094 min
Delta R.T.: 0.012 min
Response: 2730264
Conc: 18.49 ug/ml

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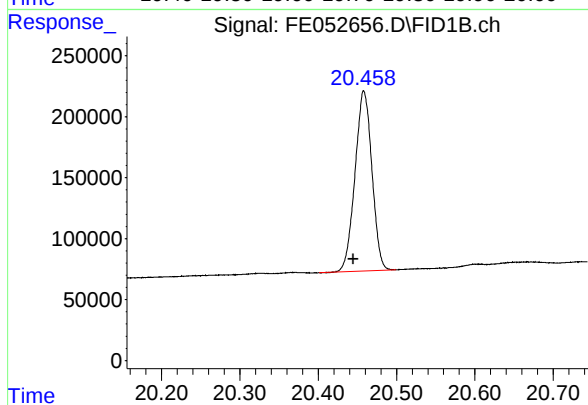
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: 0.013 min
Response: 2729610
Conc: 18.80 ug/ml



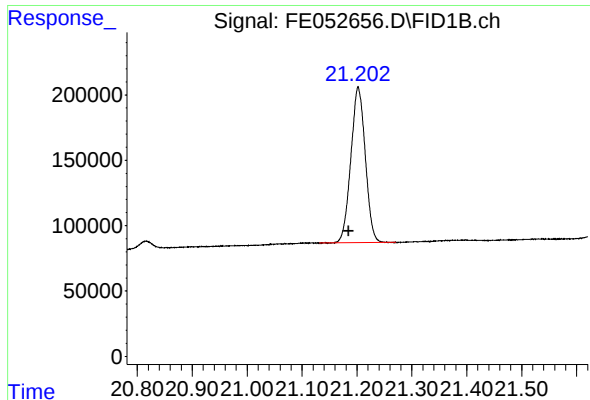
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.012 min
Response: 2478699
Conc: 18.39 ug/ml



#20 n-Hexatriacontane (C36)

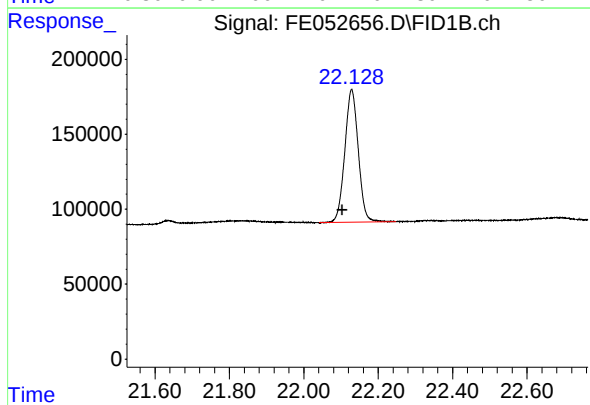
R.T.: 20.458 min
Delta R.T.: 0.014 min
Response: 2216442
Conc: 18.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: 0.017 min
Response: 2173211
Conc: 19.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: 0.024 min
Response: 2228574
Conc: 20.61 ug/ml