

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020625AL\
 Data File : FE052255.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2025 08:59
 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: Feb 06 11:04:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 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)	12.314	2385008	19.270 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
12) S 1-chlorooctadecane (S...	13.726	1860571	18.852 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.779	1804507	19.319 ug/ml
2) T n-Decane (C10)	5.006	1905788	19.845 ug/ml
3) T A~Naphthalene (C11.7)	6.711	2152228	20.138 ug/ml
4) T n-Dodecane (C12)	7.137	1977370	19.950 ug/ml
5) T A~2-methylnaphthalene...	7.792	2106762	20.116 ug/ml
6) T n-Tetradecane (C14)	8.945	2009368	19.912 ug/ml
7) T n-Hexadecane (C16)	10.541	2132906	19.655 ug/ml
8) T n-Octadecane (C18)	11.975	2196506	19.335 ug/ml
10) T n-Eicosane (C20)	13.278	2145087	19.008 ug/ml
11) T n-Heneicosane (C21)	13.887	2121077	18.835 ug/ml
13) T n-Docosane (C22)	14.470	2124261	18.767 ug/ml
14) T n-Tetracosane (C24)	15.568	2126637	18.496 ug/ml
15) T n-Hexacosane (C26)	16.584	2085715	18.187 ug/ml
16) T n-Octacosane (C28)	17.531	2067522	18.273 ug/ml
17) T n-Tricontane (C30)	18.415	2121625	18.619 ug/ml
18) T n-Dotriacontane (C32)	19.245	2044109	18.749 ug/ml
19) T n-Tetratriacontane (C34)	20.025	1778208	18.743 ug/ml
20) T n-Hexatriacontane (C36)	20.762	1484215	17.963 ug/ml
21) T n-Octatriacontane (C38)	21.577	1471424	19.806 ug/ml
22) T n-Tetracontane (C40)	22.623	1520835	20.399 ug/ml

(f)=RT Delta > 1/2 Window

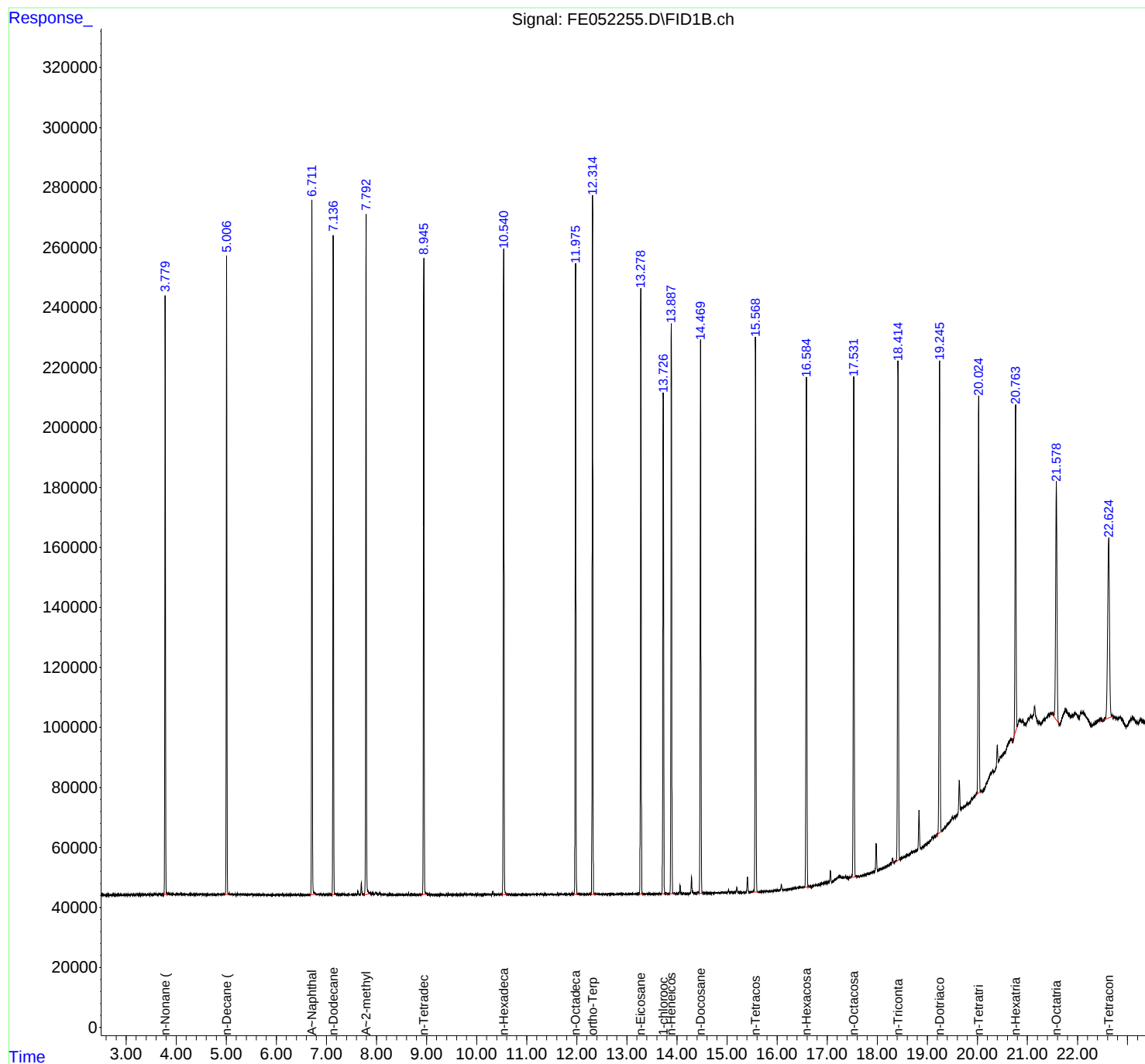
(m)=manual int.

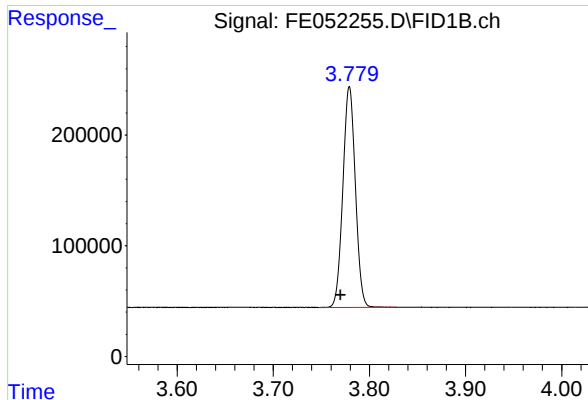
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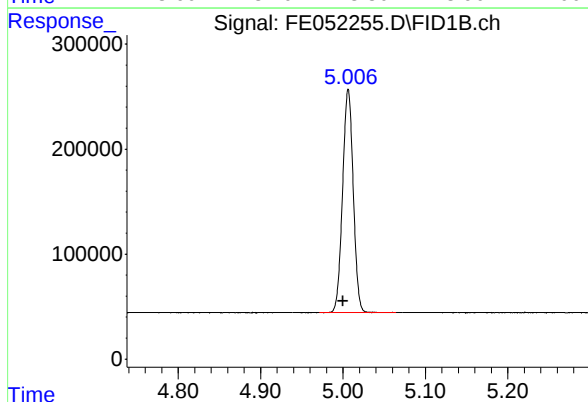




#1 n-Nonane (C9)

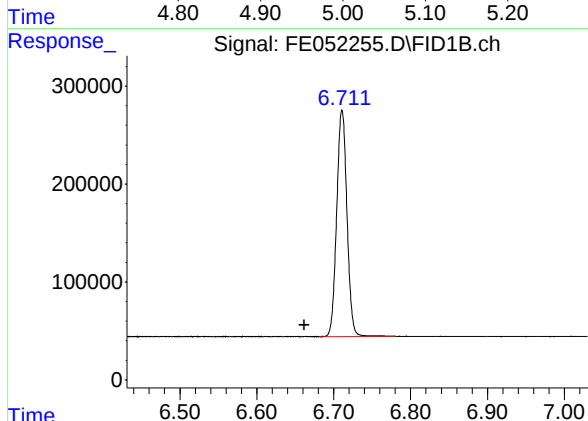
R.T.: 3.779 min
Delta R.T.: 0.009 min
Response: 1804507
Conc: 19.32 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



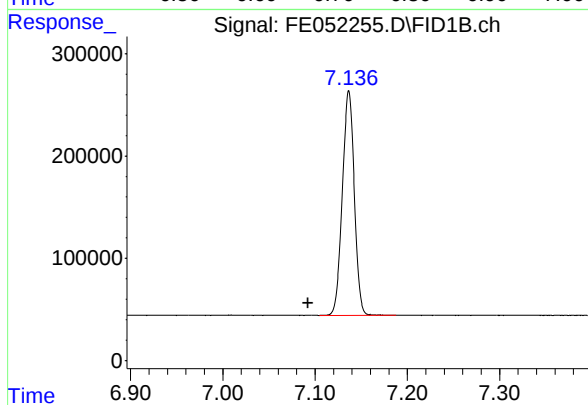
#2 n-Decane (C10)

R.T.: 5.006 min
Delta R.T.: 0.006 min
Response: 1905788
Conc: 19.85 ug/ml



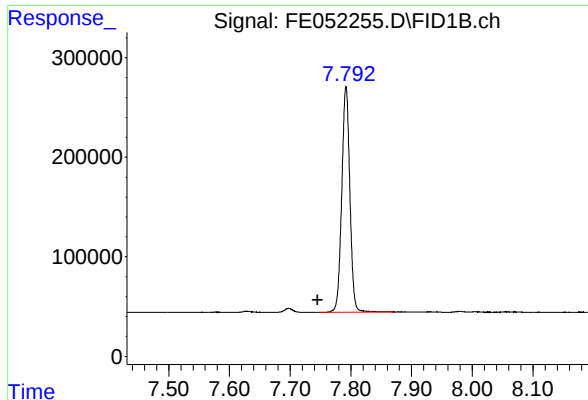
#3 A~Naphthalene (C11.7)

R.T.: 6.711 min
Delta R.T.: 0.049 min
Response: 2152228
Conc: 20.14 ug/ml



#4 n-Dodecane (C12)

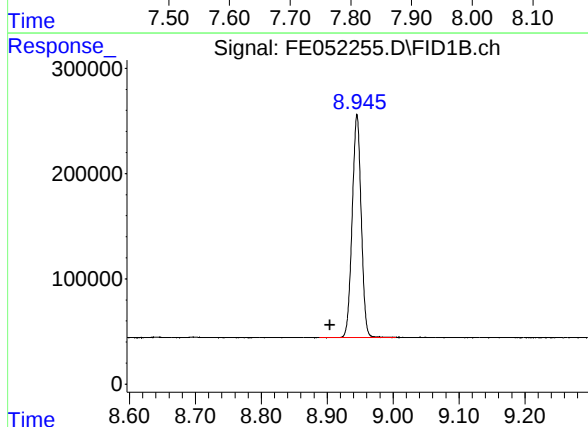
R.T.: 7.137 min
Delta R.T.: 0.044 min
Response: 1977370
Conc: 19.95 ug/ml



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

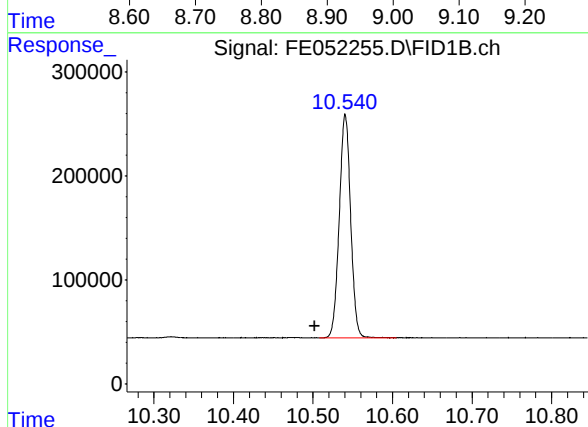
R.T.: 7.792 min
Delta R.T.: 0.046 min
Response: 2106762
Conc: 20.12 ug/ml

Instrument :
FID_E
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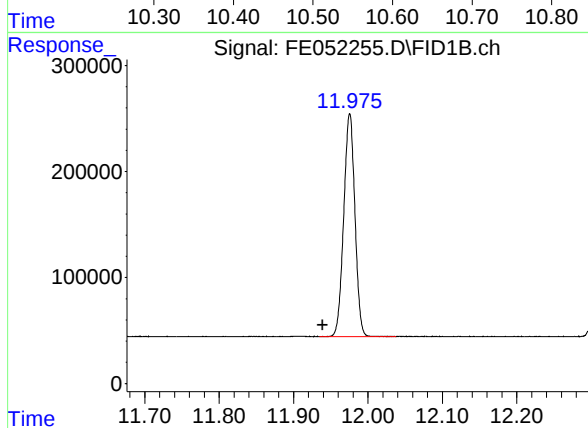
#6 n-Tetradecane (C14)

R.T.: 8.945 min
Delta R.T.: 0.041 min
Response: 2009368
Conc: 19.91 ug/ml



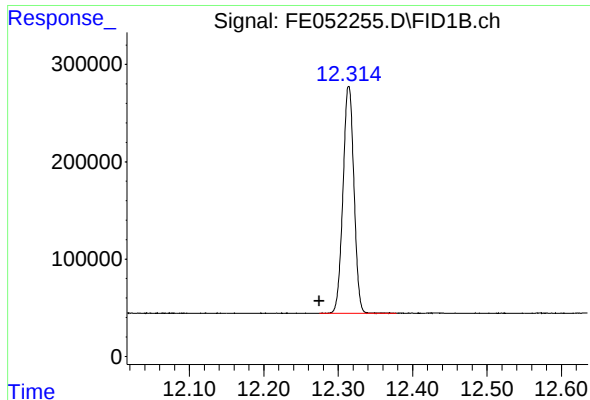
#7 n-Hexadecane (C16)

R.T.: 10.541 min
Delta R.T.: 0.039 min
Response: 2132906
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

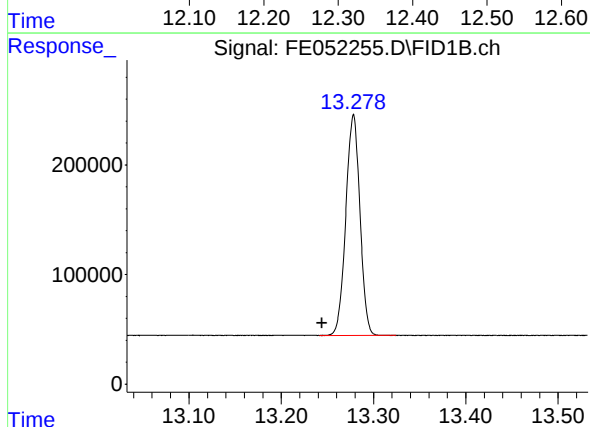
R.T.: 11.975 min
Delta R.T.: 0.036 min
Response: 2196506
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

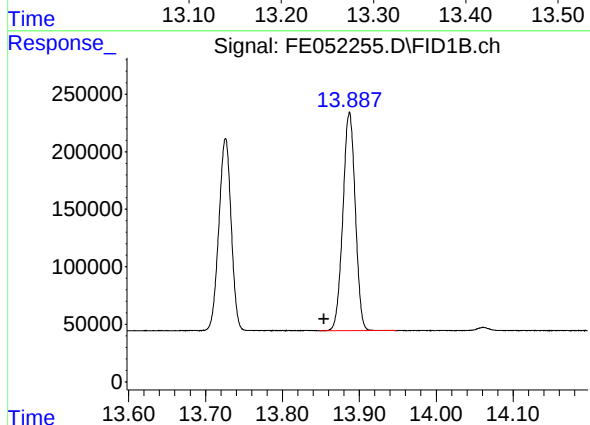
R.T.: 12.314 min
Delta R.T.: 0.040 min
Response: 2385008
Conc: 19.27 ug/ml

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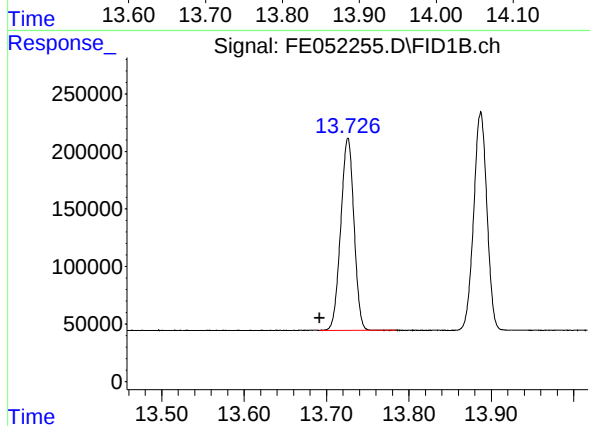
#10 n-Eicosane (C20)

R.T.: 13.278 min
Delta R.T.: 0.034 min
Response: 2145087
Conc: 19.01 ug/ml



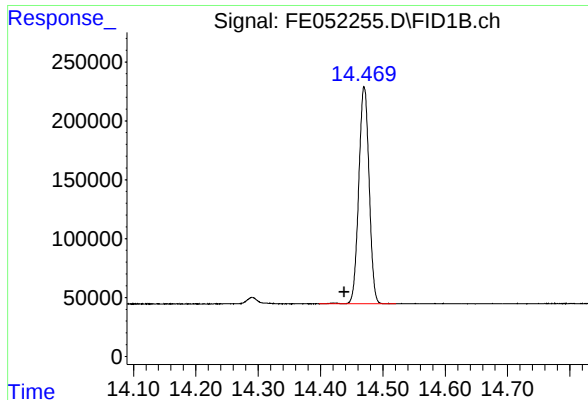
#11 n-Heneicosane (C21)

R.T.: 13.887 min
Delta R.T.: 0.033 min
Response: 2121077
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

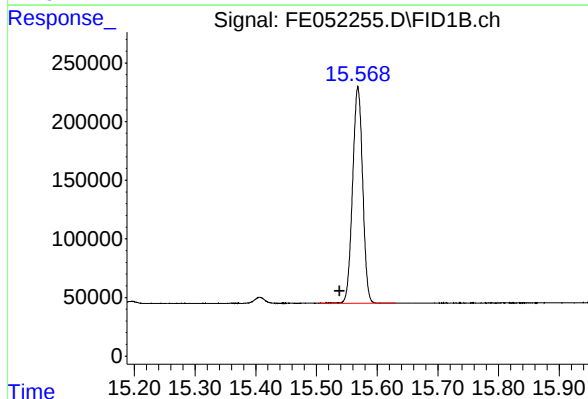
R.T.: 13.726 min
Delta R.T.: 0.034 min
Response: 1860571
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

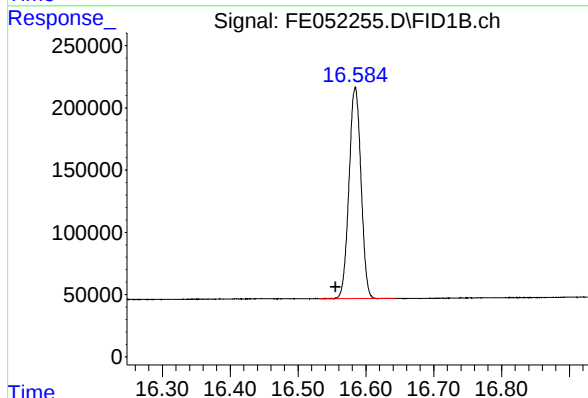
R.T.: 14.470 min
Delta R.T.: 0.032 min
Response: 2124261
Conc: 18.77 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



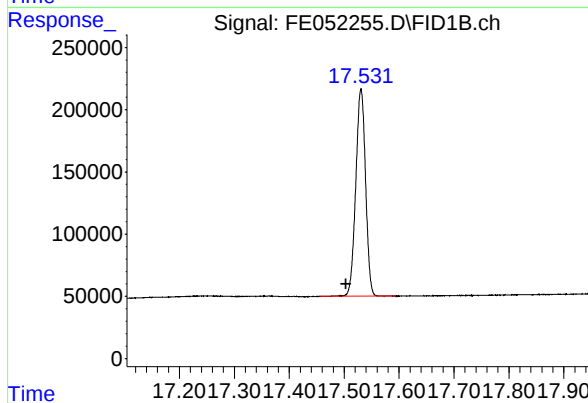
#14 n-Tetracosane (C24)

R.T.: 15.568 min
Delta R.T.: 0.030 min
Response: 2126637
Conc: 18.50 ug/ml



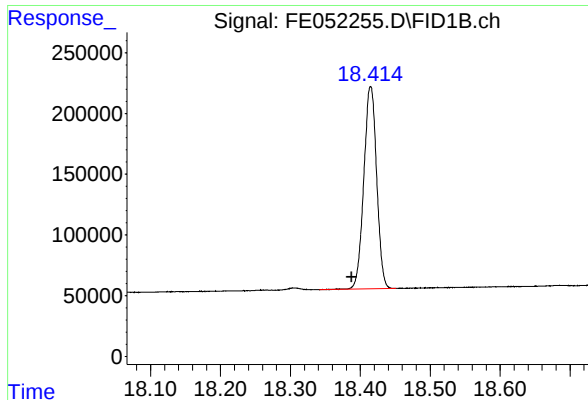
#15 n-Hexacosane (C26)

R.T.: 16.584 min
Delta R.T.: 0.029 min
Response: 2085715
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

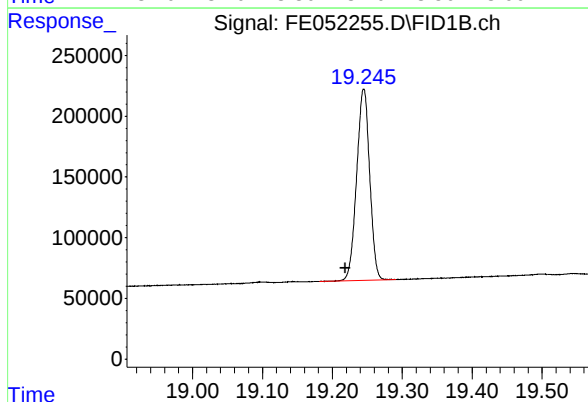
R.T.: 17.531 min
Delta R.T.: 0.027 min
Response: 2067522
Conc: 18.27 ug/ml



#17 n-Tricontane (C30)

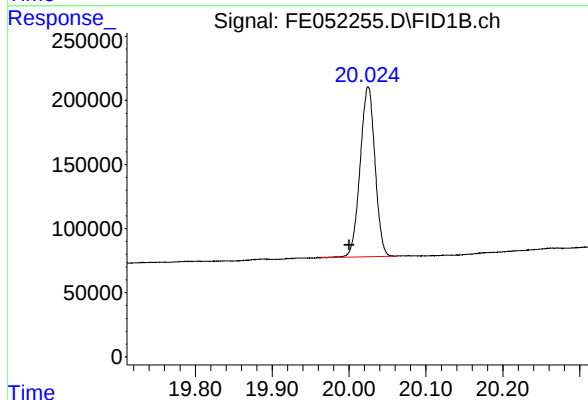
R.T.: 18.415 min
Delta R.T.: 0.027 min
Response: 2121625
Conc: 18.62 ug/ml

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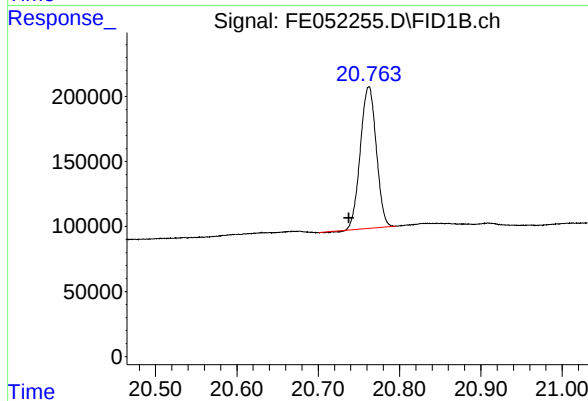
#18 n-Dotriacontane (C32)

R.T.: 19.245 min
Delta R.T.: 0.026 min
Response: 2044109
Conc: 18.75 ug/ml



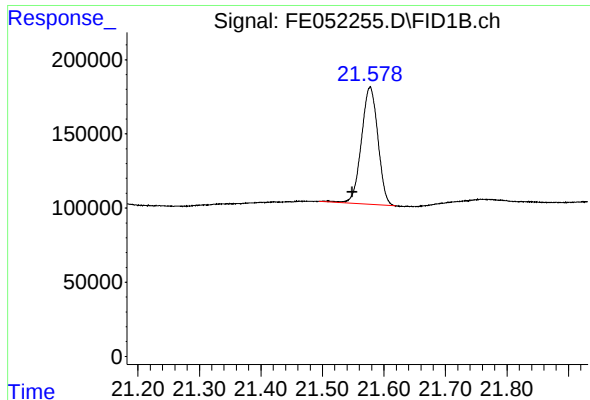
#19 n-Tetatriacontane (C34)

R.T.: 20.025 min
Delta R.T.: 0.024 min
Response: 1778208
Conc: 18.74 ug/ml



#20 n-Hexatriacontane (C36)

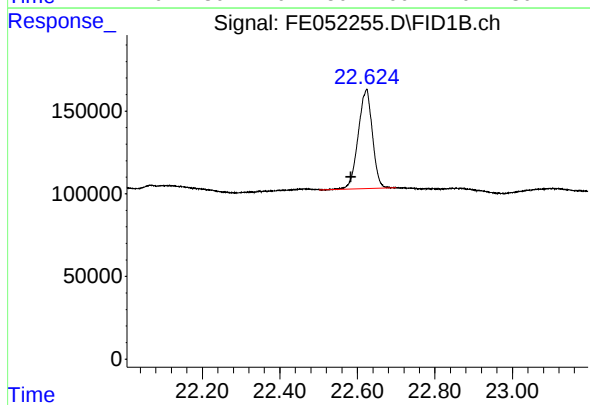
R.T.: 20.762 min
Delta R.T.: 0.024 min
Response: 1484215
Conc: 17.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.577 min
Delta R.T.: 0.029 min
Response: 1471424
Conc: 19.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.623 min
Delta R.T.: 0.039 min
Response: 1520835
Conc: 20.40 ug/ml