

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020325AL\
 Data File : FE052211.D
 Signal(s) : FID1B.ch
 Acq On : 03 Feb 2025 16:24
 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 03 17:18:30 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)	12.275	2443732	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
12) S 1-chlorooctadecane (S...	13.691	1943251	19.690 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T n-Nonane (C9)	3.723	1854492	19.855 ug/ml
2) T n-Decane (C10)	4.955	1904478	19.832 ug/ml
3) T A~Naphthalene (C11.7)	6.660	2130071	19.931 ug/ml
4) T n-Dodecane (C12)	7.091	1965506	19.830 ug/ml
5) T A~2-methylnaphthalene...	7.744	2089775	19.953 ug/ml
6) T n-Tetradecane (C14)	8.903	2007892	19.897 ug/ml
7) T n-Hexadecane (C16)	10.502	2150483	19.817 ug/ml
8) T n-Octadecane (C18)	11.938	2236910	19.691 ug/ml
10) T n-Eicosane (C20)	13.243	2217190	19.647 ug/ml
11) T n-Heneicosane (C21)	13.854	2213577	19.656 ug/ml
13) T n-Docosane (C22)	14.438	2228234	19.686 ug/ml
14) T n-Tetracosane (C24)	15.537	2262821	19.680 ug/ml
15) T n-Hexacosane (C26)	16.555	2260819	19.714 ug/ml
16) T n-Octacosane (C28)	17.502	2230655	19.715 ug/ml
17) T n-Tricontane (C30)	18.387	2246302	19.713 ug/ml
18) T n-Dotriacontane (C32)	19.217	2136036	19.592 ug/ml
19) T n-Tetratriacontane (C34)	19.999	1863470	19.642 ug/ml
20) T n-Hexatriacontane (C36)	20.737	1596403	19.320 ug/ml
21) T n-Octatriacontane (C38)	21.546	1453312	19.562 ug/ml
22) T n-Tetracontane (C40)	22.581	1384857	18.575 ug/ml

(f)=RT Delta > 1/2 Window

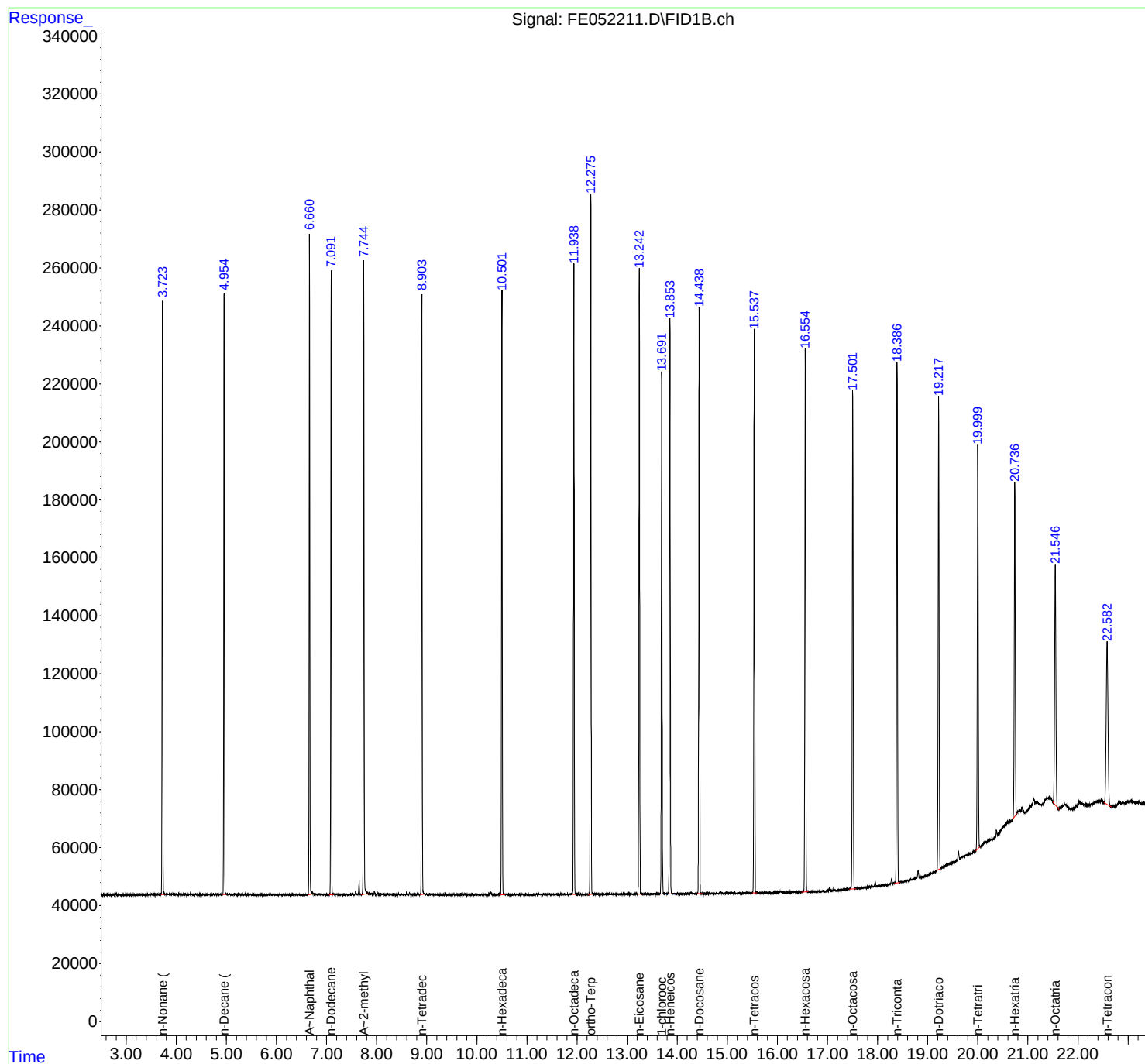
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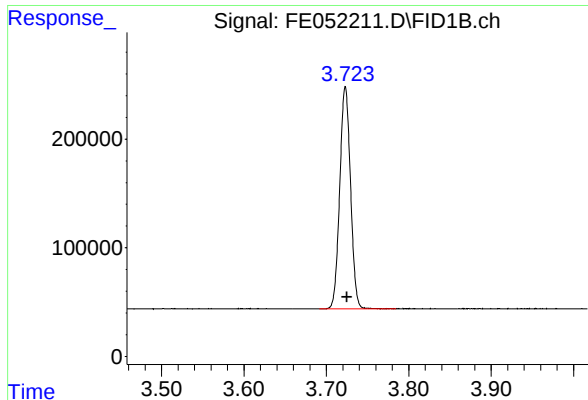
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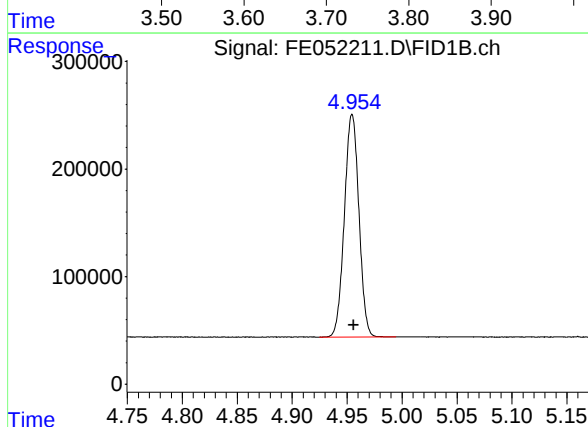




#1 n-Nonane (C9)

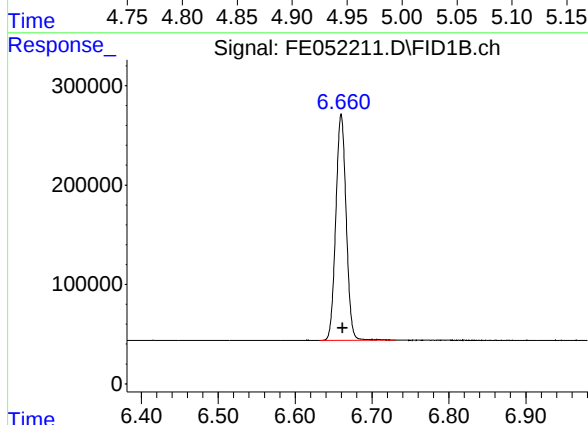
R.T.: 3.723 min
Delta R.T.: -0.002 min
Response: 1854492
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



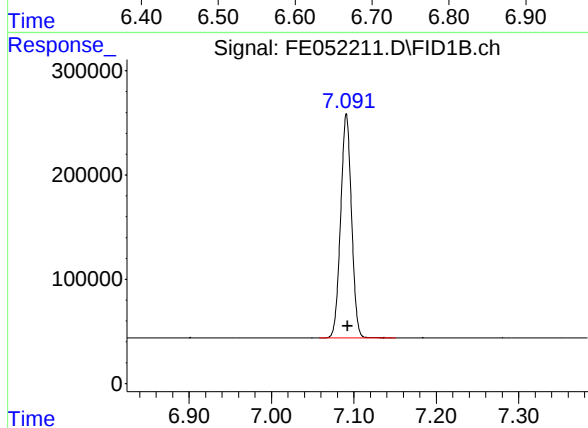
#2 n-Decane (C10)

R.T.: 4.955 min
Delta R.T.: -0.001 min
Response: 1904478
Conc: 19.83 ug/ml



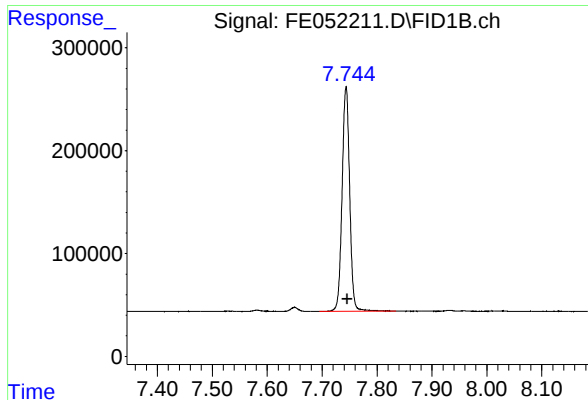
#3 A~Naphthalene (C11.7)

R.T.: 6.660 min
Delta R.T.: -0.002 min
Response: 2130071
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

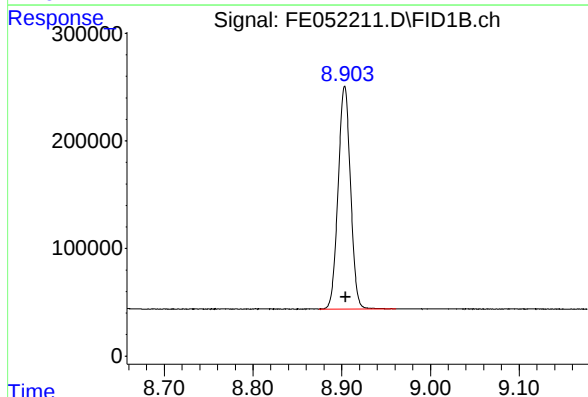
R.T.: 7.091 min
Delta R.T.: -0.001 min
Response: 1965506
Conc: 19.83 ug/ml



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

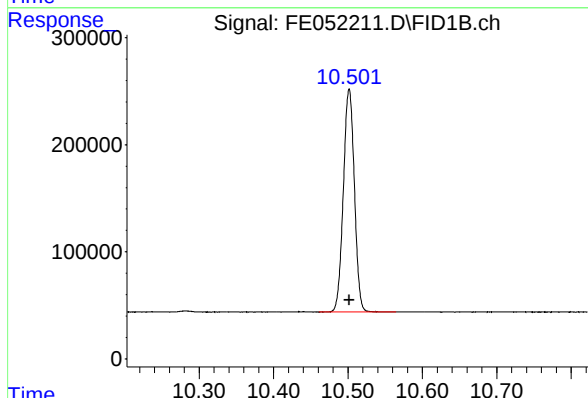
R.T.: 7.744 min
Delta R.T.: -0.002 min
Response: 2089775
Conc: 19.95 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



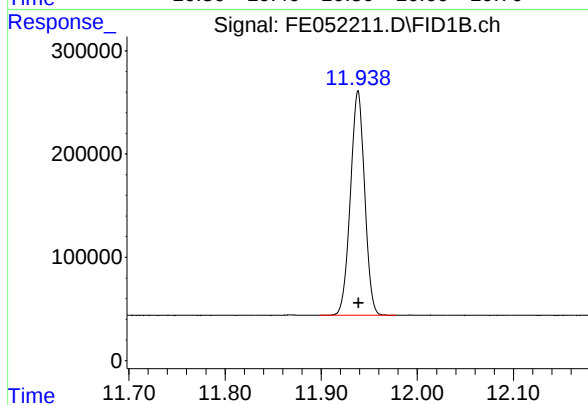
#6 n-Tetradecane (C14)

R.T.: 8.903 min
Delta R.T.: -0.001 min
Response: 2007892
Conc: 19.90 ug/ml



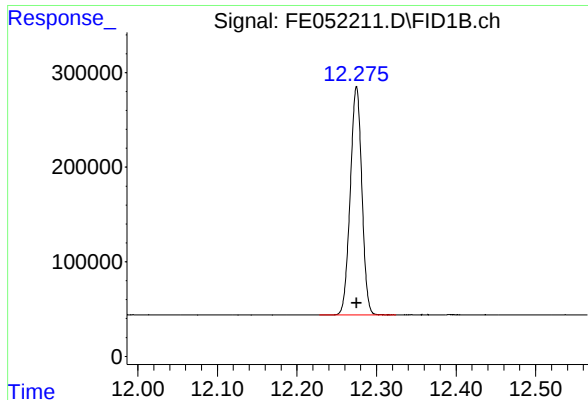
#7 n-Hexadecane (C16)

R.T.: 10.502 min
Delta R.T.: 0.000 min
Response: 2150483
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

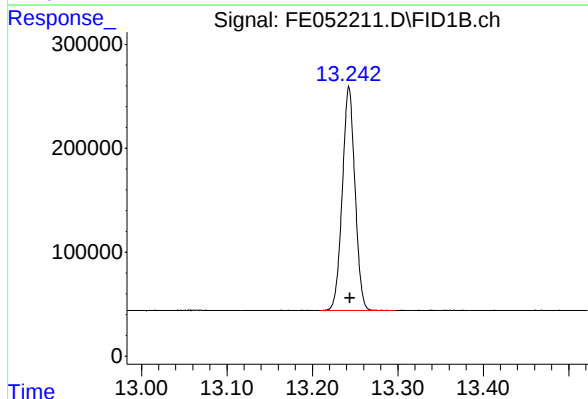
R.T.: 11.938 min
Delta R.T.: 0.000 min
Response: 2236910
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

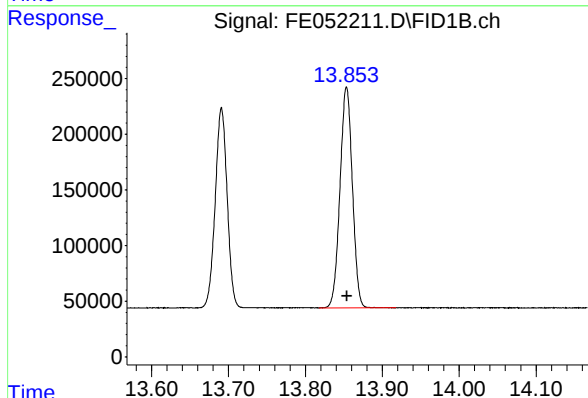
R.T.: 12.275 min
Delta R.T.: 0.000 min
Response: 2443732
Conc: 19.74 ug/ml

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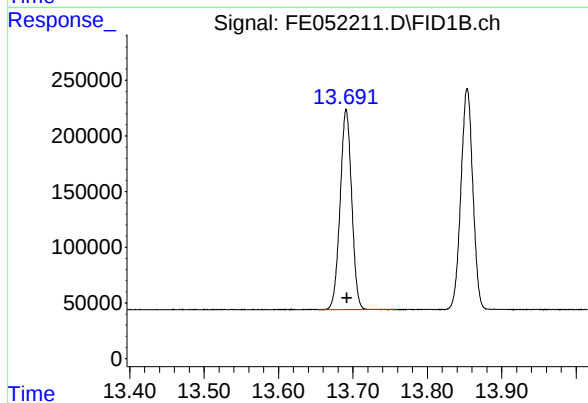
#10 n-Eicosane (C20)

R.T.: 13.243 min
Delta R.T.: -0.001 min
Response: 2217190
Conc: 19.65 ug/ml



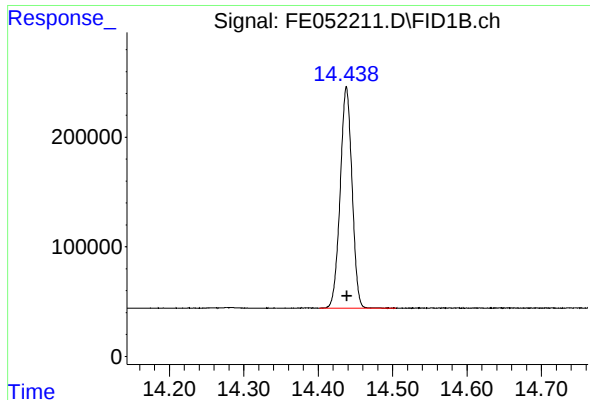
#11 n-Heneicosane (C21)

R.T.: 13.854 min
Delta R.T.: 0.000 min
Response: 2213577
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

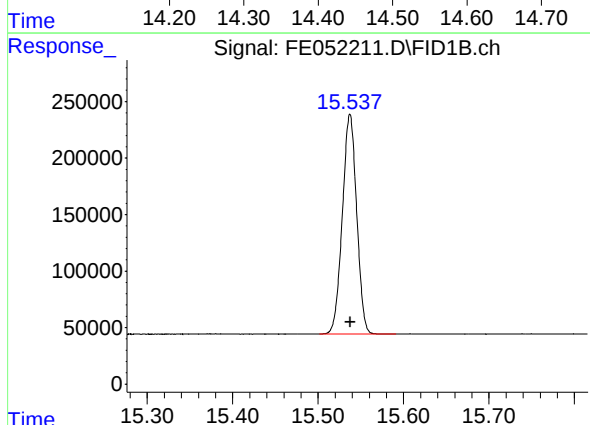
R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 1943251
Conc: 19.69 ug/ml



#13 n-Docosane (C22)

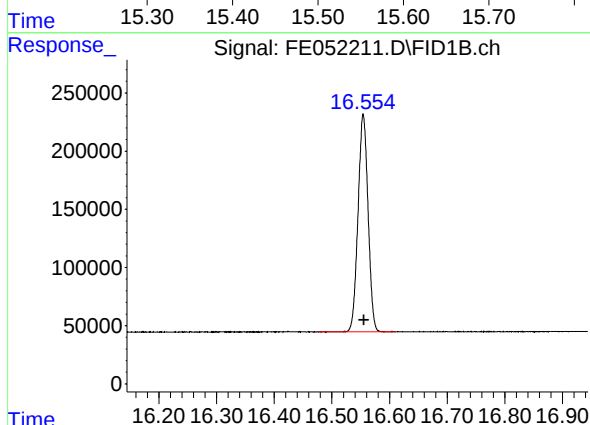
R.T.: 14.438 min
Delta R.T.: 0.000 min
Response: 2228234
Conc: 19.69 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



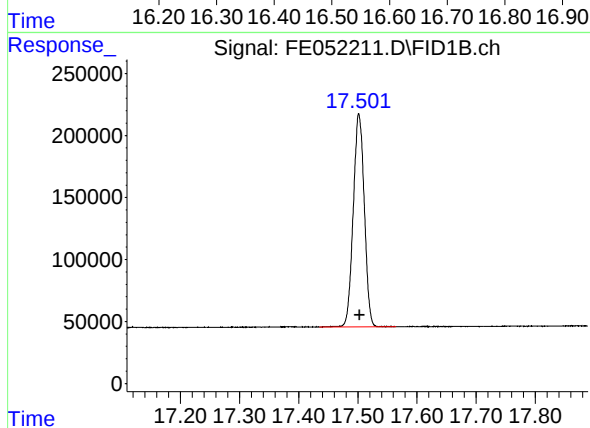
#14 n-Tetracosane (C24)

R.T.: 15.537 min
Delta R.T.: 0.000 min
Response: 2262821
Conc: 19.68 ug/ml



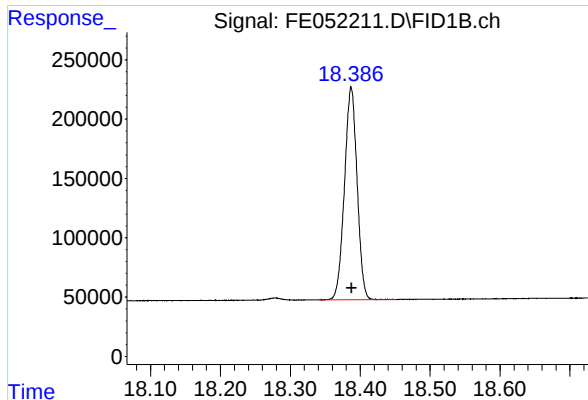
#15 n-Hexacosane (C26)

R.T.: 16.555 min
Delta R.T.: 0.000 min
Response: 2260819
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

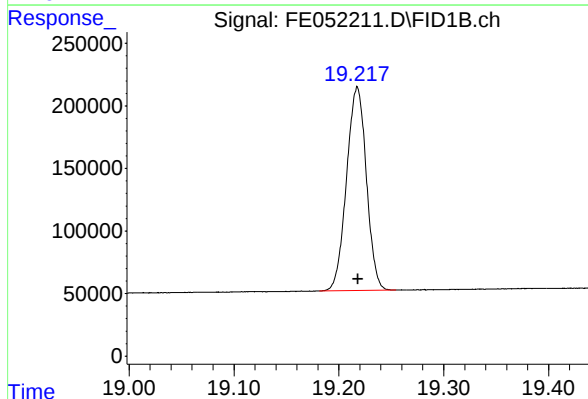
R.T.: 17.502 min
Delta R.T.: -0.001 min
Response: 2230655
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

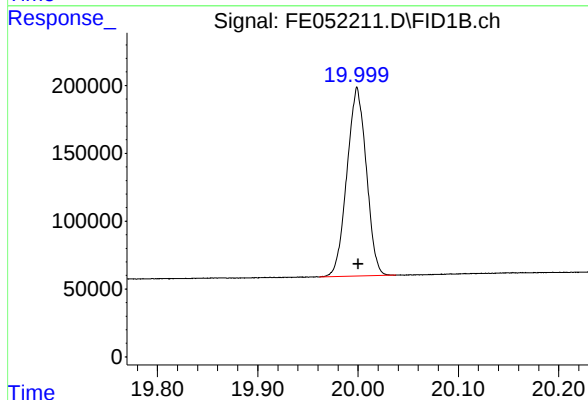
R.T.: 18.387 min
Delta R.T.: 0.000 min
Response: 2246302
Conc: 19.71 ug/ml

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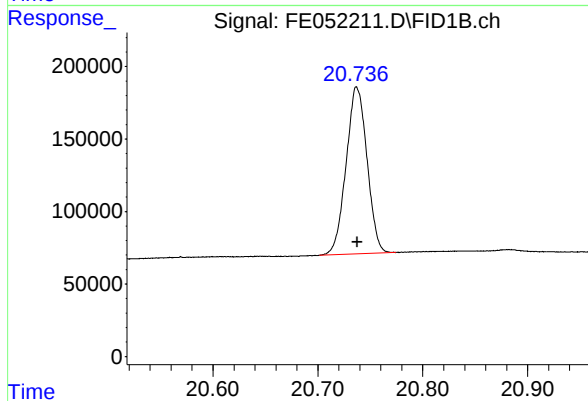
#18 n-Dotriacontane (C32)

R.T.: 19.217 min
Delta R.T.: -0.001 min
Response: 2136036
Conc: 19.59 ug/ml



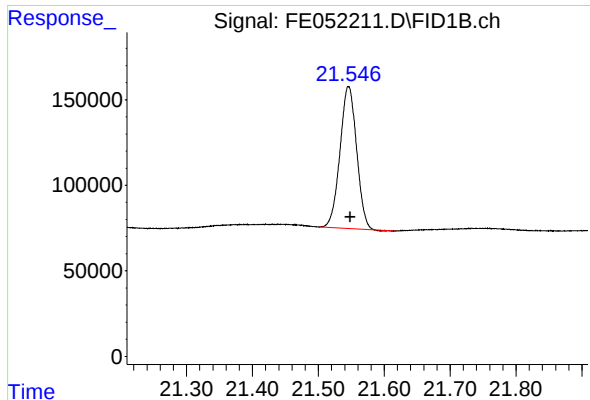
#19 n-Tetratriacontane (C34)

R.T.: 19.999 min
Delta R.T.: -0.001 min
Response: 1863470
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

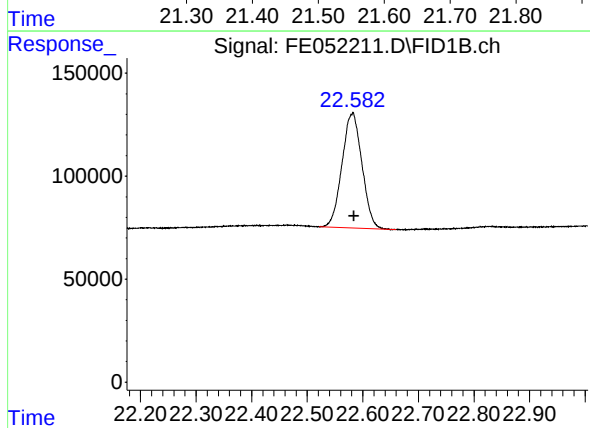
R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 1596403
Conc: 19.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.546 min
Delta R.T.: -0.003 min
Response: 1453312
Conc: 19.56 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.581 min
Delta R.T.: -0.003 min
Response: 1384857
Conc: 18.57 ug/ml