

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040325AL\
 Data File : FE053178.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2025 00:27
 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: Apr 04 05:00:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.892	2975977	18.271 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
12) S 1-chlorooctadecane (S...	13.336	2215491	18.456 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T n-Nonane (C9)	3.238	2795905	18.057 ug/ml
2) T n-Decane (C10)	4.499	2885817	18.398 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3082054	18.347 ug/ml
4) T n-Dodecane (C12)	6.679	2888939	18.472 ug/ml
5) T A~2-methylnaphthalene...	7.313	2945276	18.459 ug/ml
6) T n-Tetradecane (C14)	8.515	2842849	18.567 ug/ml
7) T n-Hexadecane (C16)	10.129	2903452	18.836 ug/ml
8) T n-Octadecane (C18)	11.577	2859608	18.855 ug/ml
10) T n-Eicosane (C20)	12.891	2677791	18.782 ug/ml
11) T n-Heneicosane (C21)	13.505	2598082	18.722 ug/ml
13) T n-Docosane (C22)	14.093	2563556	18.718 ug/ml
14) T n-Tetracosane (C24)	15.199	2554405	18.913 ug/ml
15) T n-Hexacosane (C26)	16.222	2525973	18.934 ug/ml
16) T n-Octacosane (C28)	17.174	2569236	19.469 ug/ml
17) T n-Tricontane (C30)	18.063	2764884	20.399 ug/ml
18) T n-Dotriacontane (C32)	18.897	2842931	21.127 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2593562	20.044 ug/ml
20) T n-Hexatriacontane (C36)	20.422	2376797	20.008 ug/ml
21) T n-Octatriacontane (C38)	21.162	2317924	20.167 ug/ml
22) T n-Tetracontane (C40)	22.075	2277057	20.274 ug/ml

(f)=RT Delta > 1/2 Window

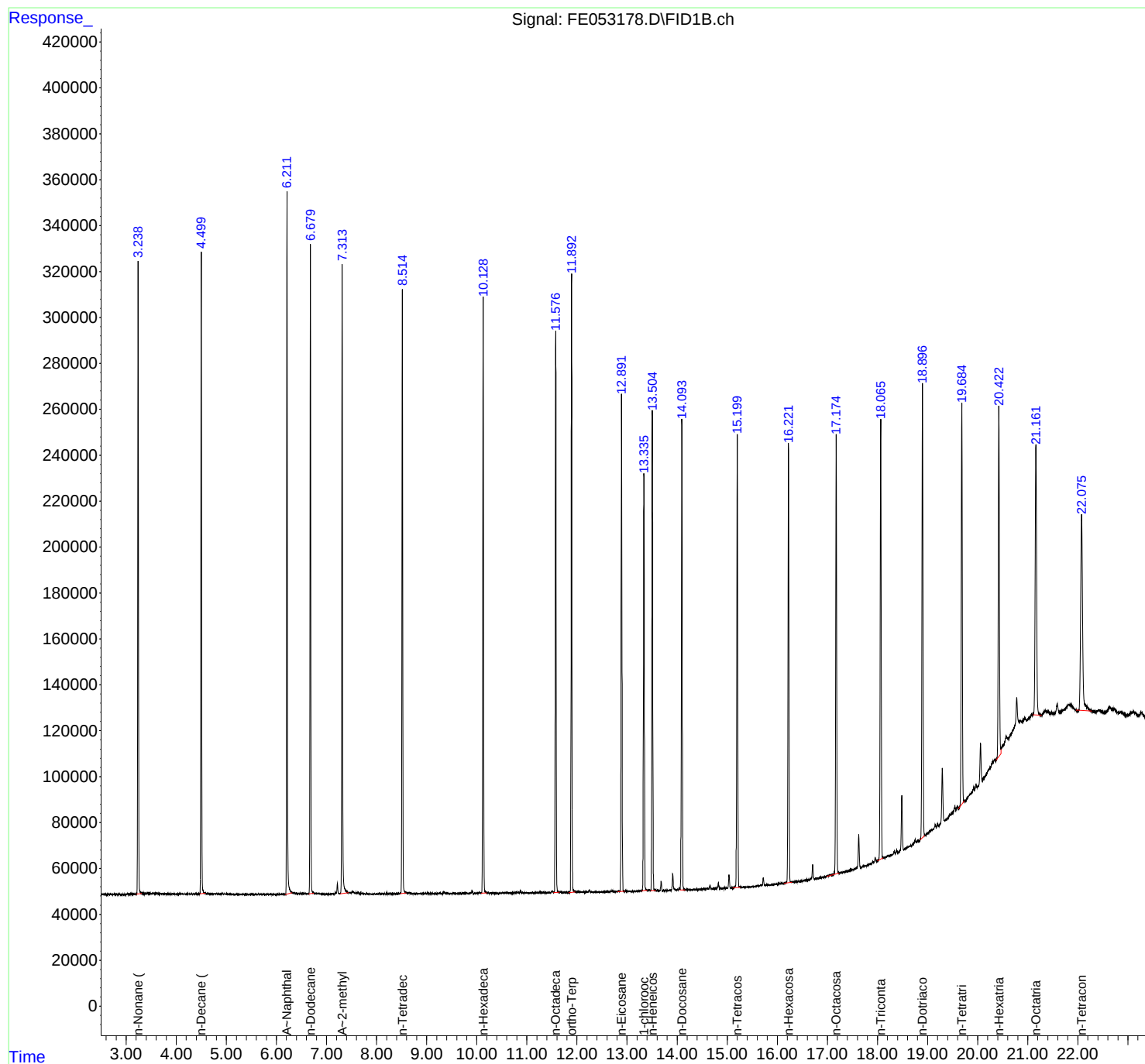
(m)=manual int.

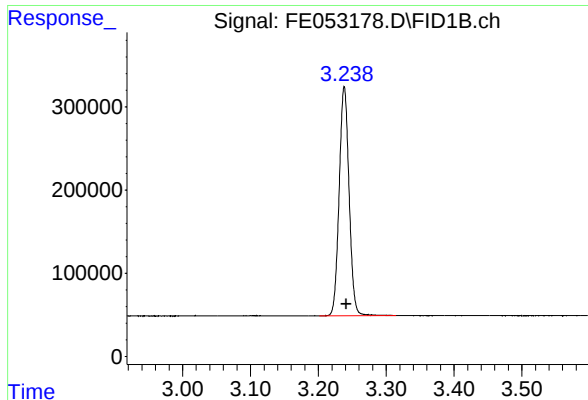
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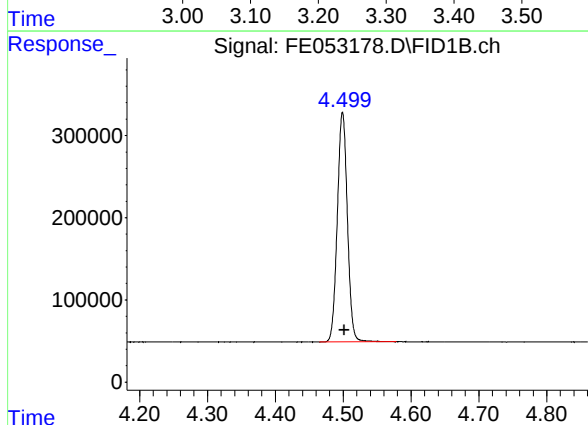




#1 n-Nonane (C9)

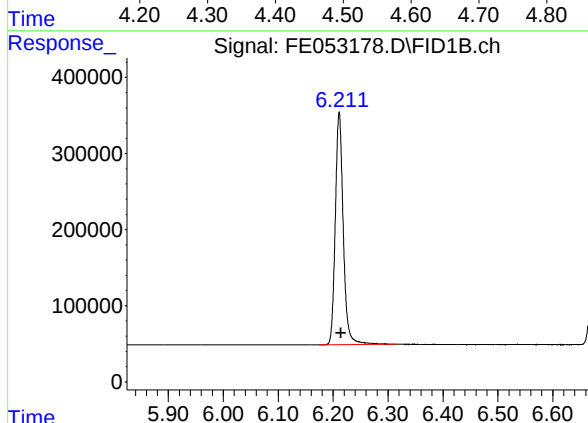
R.T.: 3.238 min
Delta R.T.: -0.003 min
Response: 2795905
Conc: 18.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



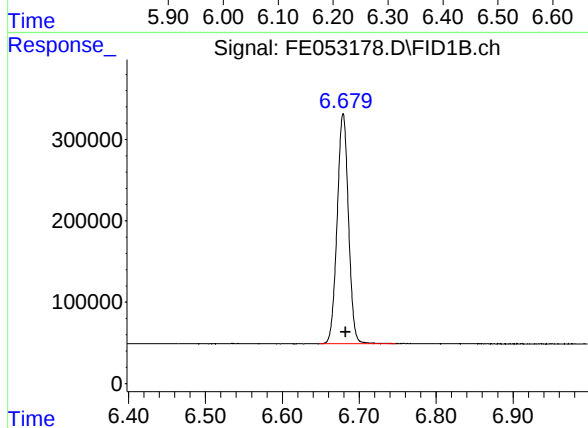
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 2885817
Conc: 18.40 ug/ml



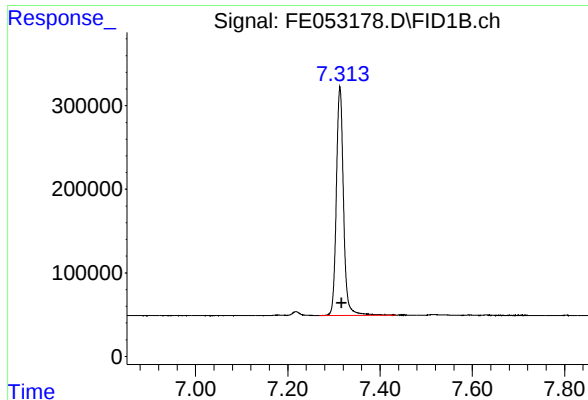
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 3082054
Conc: 18.35 ug/ml



#4 n-Dodecane (C12)

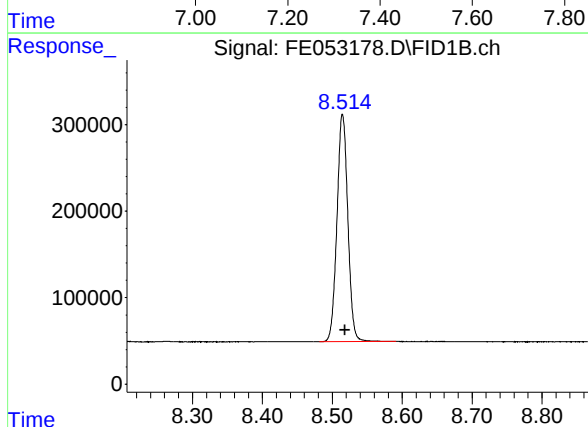
R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 2888939
Conc: 18.47 ug/ml



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

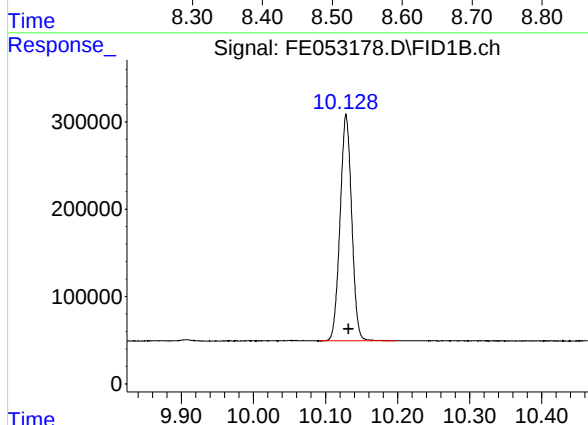
R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 2945276
Conc: 18.46 ug/ml

Instrument :
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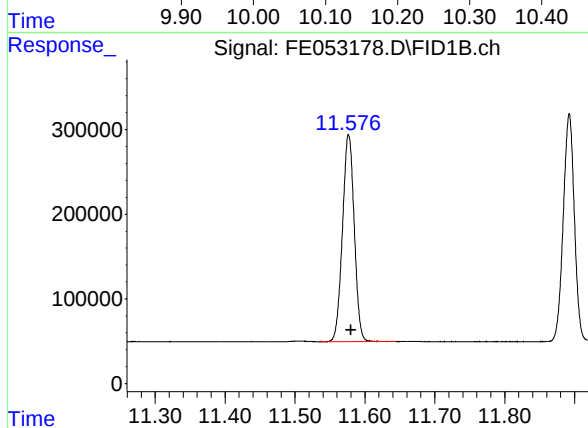
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 2842849
Conc: 18.57 ug/ml



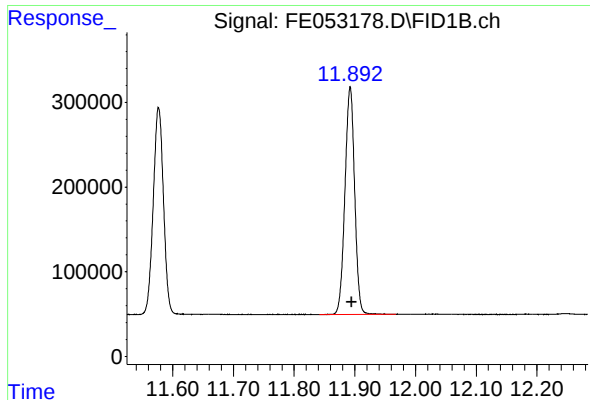
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.003 min
Response: 2903452
Conc: 18.84 ug/ml



#8 n-Octadecane (C18)

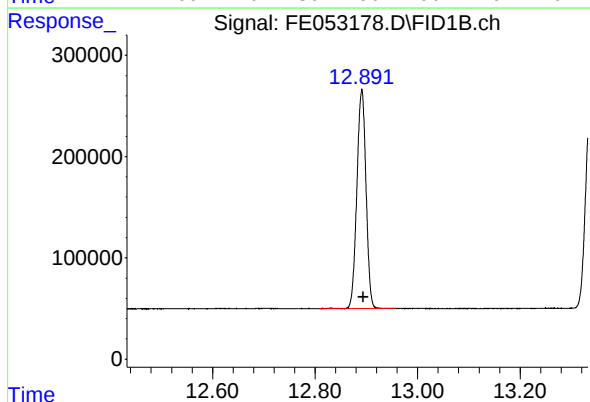
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 2859608
Conc: 18.85 ug/ml



#9 ortho-Terphenyl (SURR)

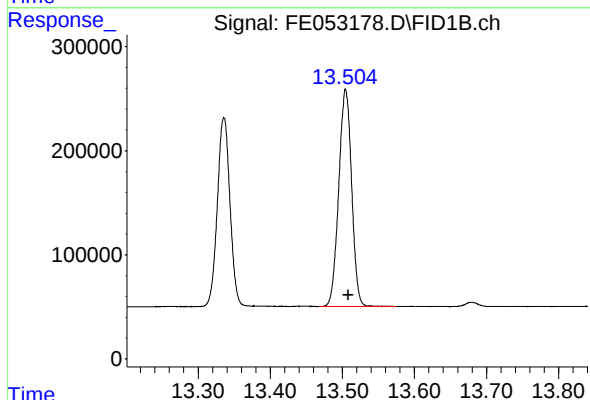
R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 2975977
Conc: 18.27 ug/ml

Instrument :
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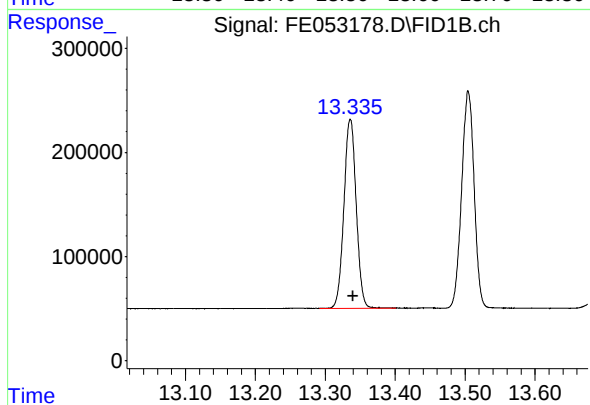
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.003 min
Response: 2677791
Conc: 18.78 ug/ml



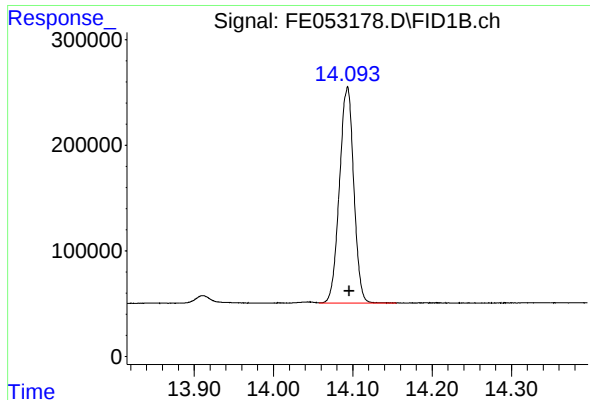
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 2598082
Conc: 18.72 ug/ml



#12 1-chlorooctadecane (SURR)

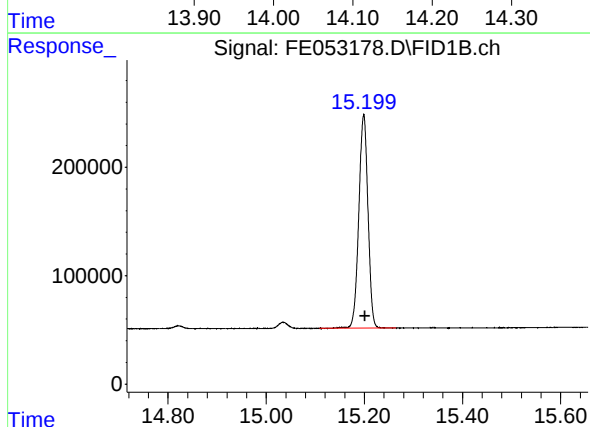
R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 2215491
Conc: 18.46 ug/ml



#13 n-Docosane (C22)

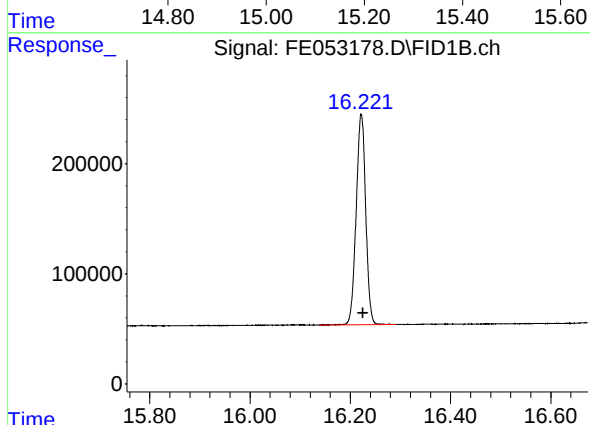
R.T.: 14.093 min
Delta R.T.: -0.003 min
Response: 2563556
Conc: 18.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



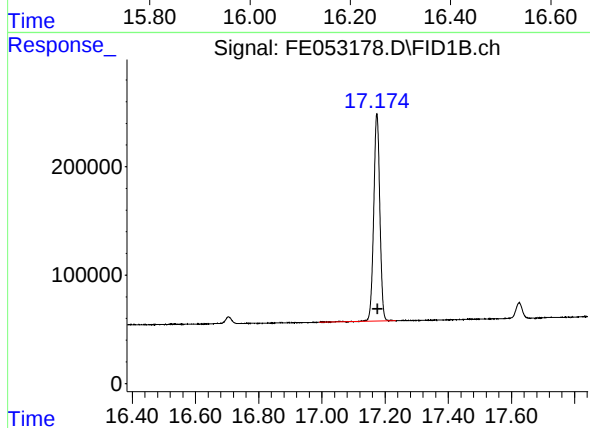
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.003 min
Response: 2554405
Conc: 18.91 ug/ml



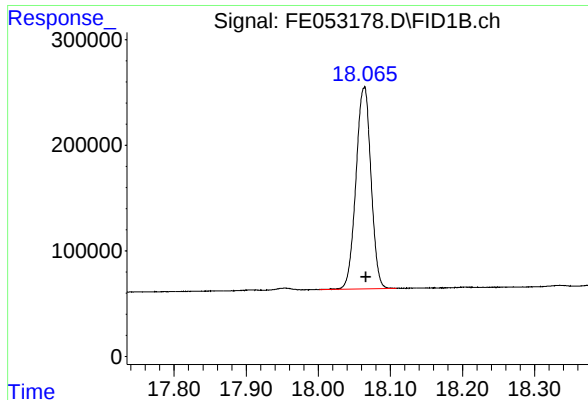
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.003 min
Response: 2525973
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

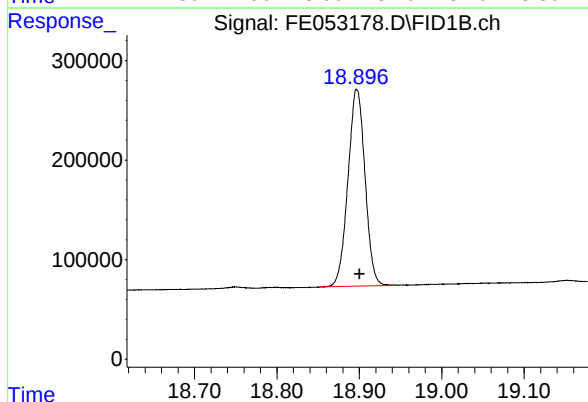
R.T.: 17.174 min
Delta R.T.: -0.002 min
Response: 2569236
Conc: 19.47 ug/ml



#17 n-Tricontane (C30)

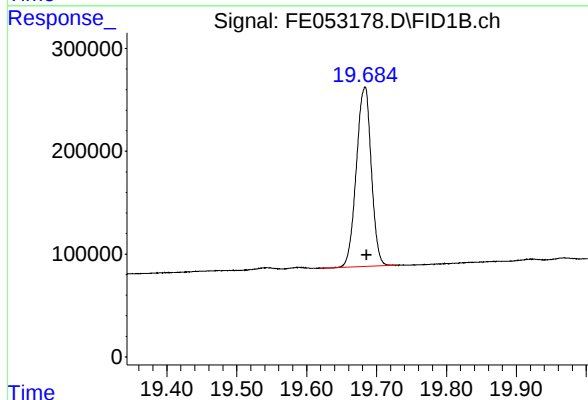
R.T.: 18.063 min
Delta R.T.: -0.003 min
Response: 2764884
Conc: 20.40 ug/ml

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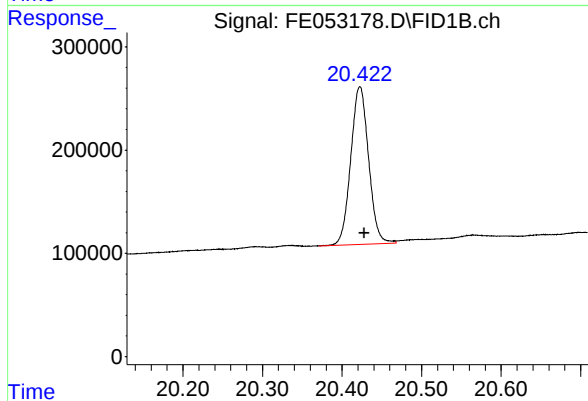
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.003 min
Response: 2842931
Conc: 21.13 ug/ml



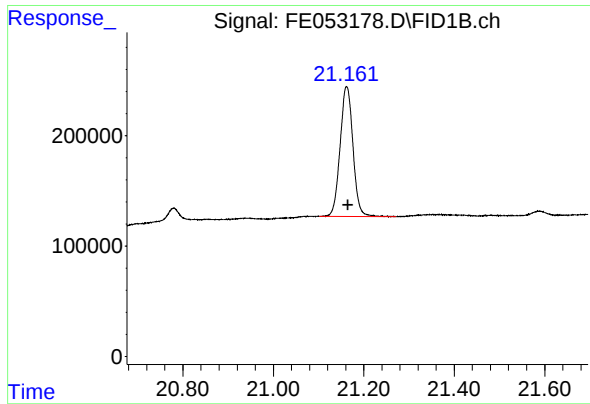
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.003 min
Response: 2593562
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

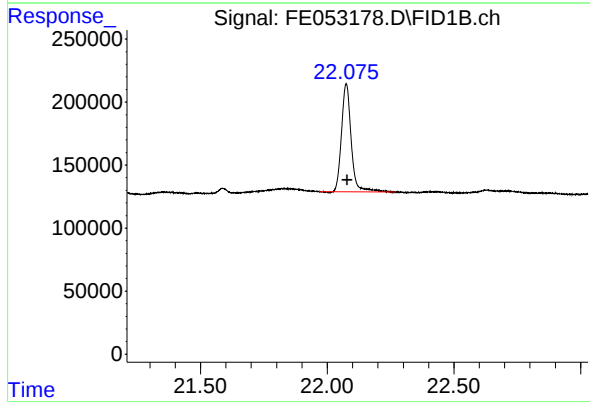
R.T.: 20.422 min
Delta R.T.: -0.005 min
Response: 2376797
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: -0.003 min
Response: 2317924
Conc: 20.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: -0.004 min
Response: 2277057
Conc: 20.27 ug/ml