

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060723AL\
 Data File : FE042453.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jun 2023 08:09
 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: Jun 07 11:12:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.950	3257116	18.446 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
12) S 1-chlorooctadecane (S...	13.387	2390628	17.991 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
Target Compounds			
1) T n-Nonane (C9)	3.328	2700721	18.729 ug/ml
2) T n-Decane (C10)	4.581	2824023	19.077 ug/ml
3) T A~Naphthalene (C11.7)	6.290	3036358	18.610 ug/ml
4) T n-Dodecane (C12)	6.750	2854106	19.033 ug/ml
5) T A~2-methylnaphthalene...	7.387	2910744	18.341 ug/ml
6) T n-Tetradecane (C14)	8.579	2819877	18.823 ug/ml
7) T n-Hexadecane (C16)	10.187	2925964	18.784 ug/ml
8) T n-Octadecane (C18)	11.631	2938090	18.580 ug/ml
10) T n-Eicosane (C20)	12.941	2792743	18.424 ug/ml
11) T n-Heneicosane (C21)	13.553	2717255	18.341 ug/ml
13) T n-Docosane (C22)	14.140	2668320	18.202 ug/ml
14) T n-Tetracosane (C24)	15.243	2615767	18.120 ug/ml
15) T n-Hexacosane (C26)	16.265	2556886	18.462 ug/ml
16) T n-Octacosane (C28)	17.215	2563252	19.145 ug/ml
17) T n-Tricontane (C30)	18.103	2741550	20.309 ug/ml
18) T n-Dotriacontane (C32)	18.936	2766769	20.711 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2657912	20.211 ug/ml
20) T n-Hexatriacontane (C36)	20.462	2562319	19.714 ug/ml
21) T n-Octatriacontane (C38)	21.210	2613671	19.264 ug/ml
22) T n-Tetracontane (C40)	22.146	2659414	19.116 ug/ml

(f)=RT Delta > 1/2 Window

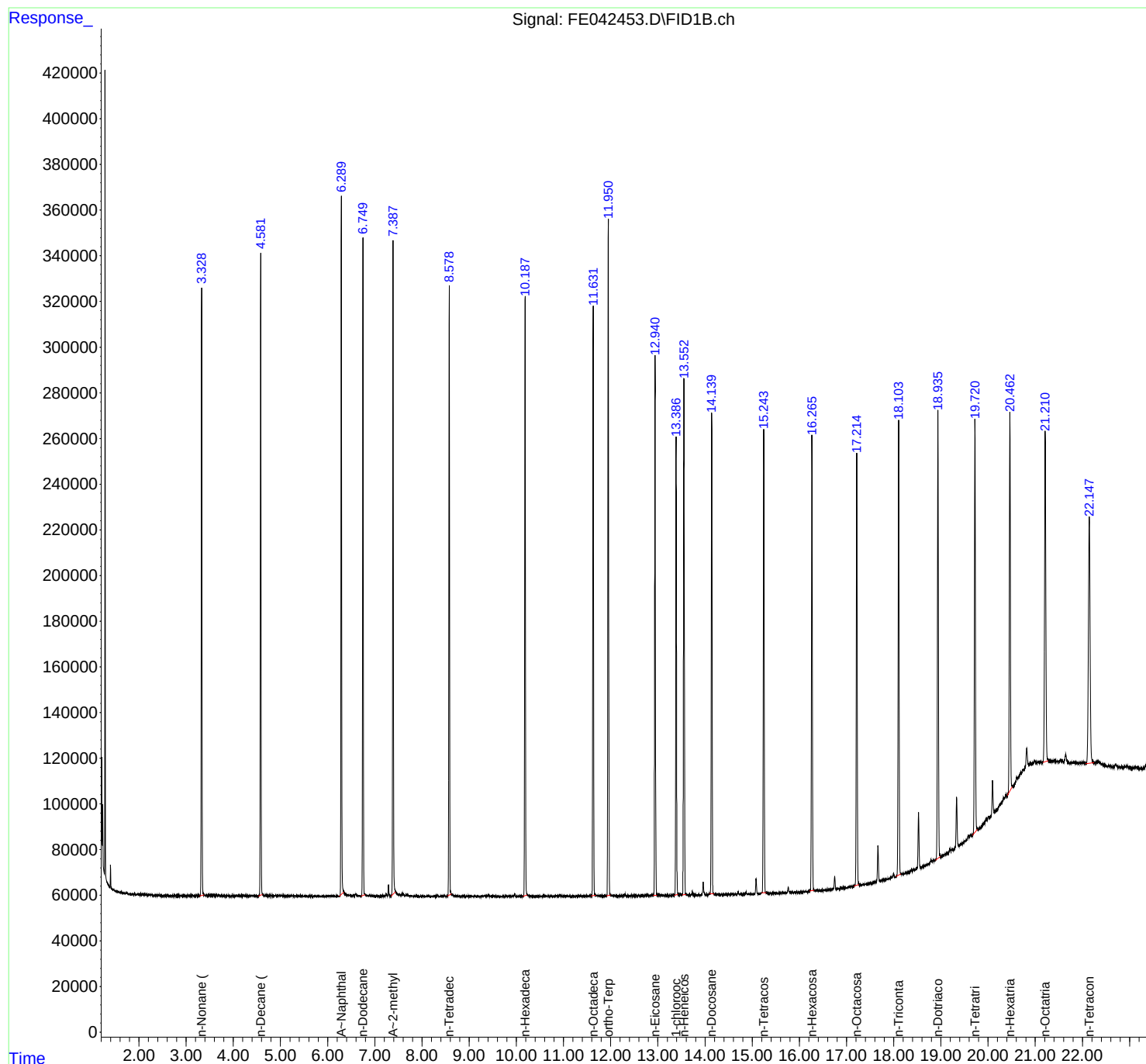
(m)=manual int.

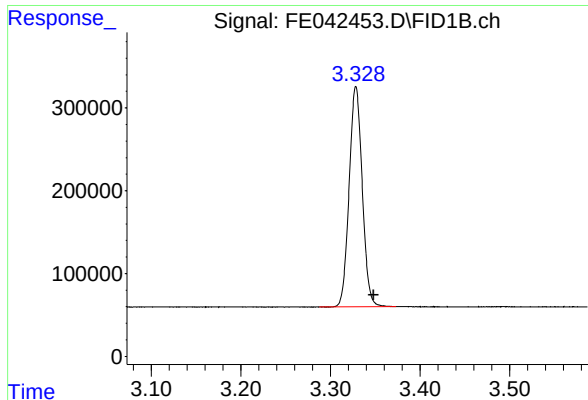
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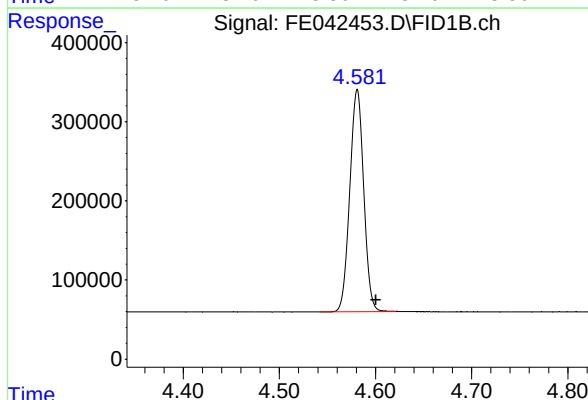




#1 n-Nonane (C9)

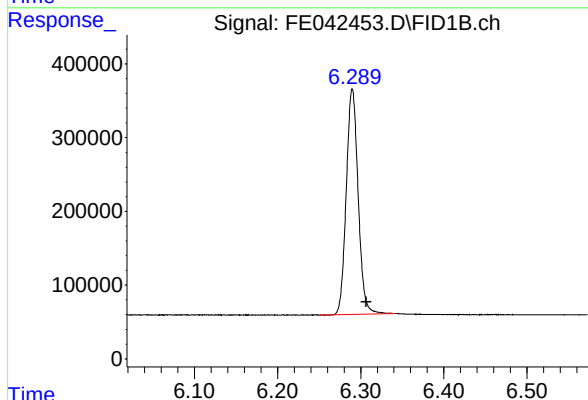
R.T.: 3.328 min
Delta R.T.: -0.020 min
Response: 2700721
Conc: 18.73 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



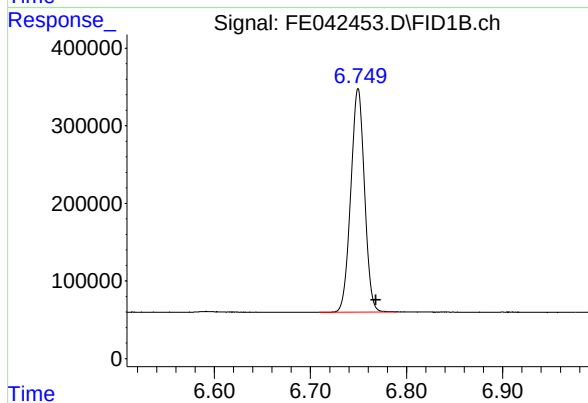
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.019 min
Response: 2824023
Conc: 19.08 ug/ml



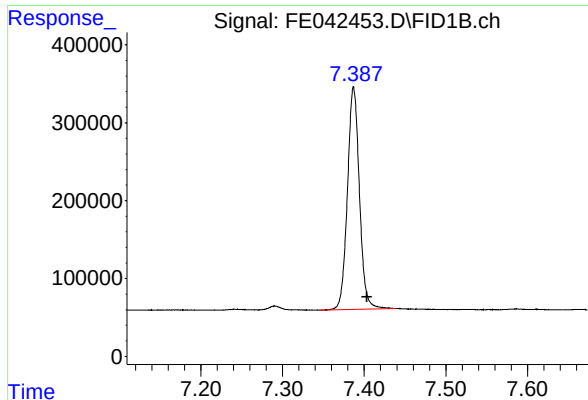
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.017 min
Response: 3036358
Conc: 18.61 ug/ml



#4 n-Dodecane (C12)

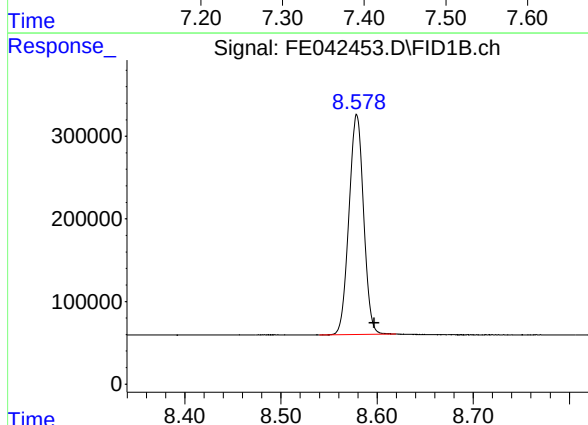
R.T.: 6.750 min
Delta R.T.: -0.019 min
Response: 2854106
Conc: 19.03 ug/ml



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

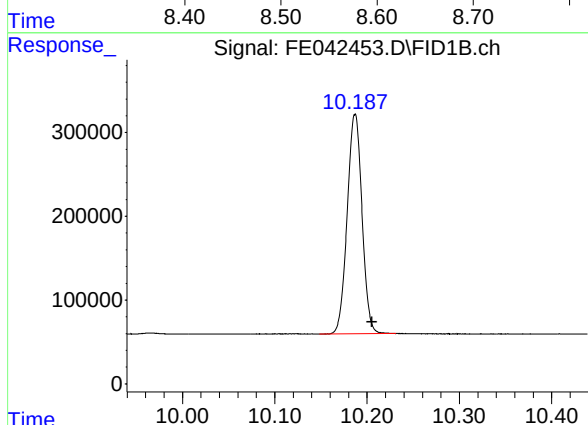
R.T.: 7.387 min
Delta R.T.: -0.017 min
Response: 2910744
Conc: 18.34 ug/ml

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20 PPM ALIPHATIC HC STD



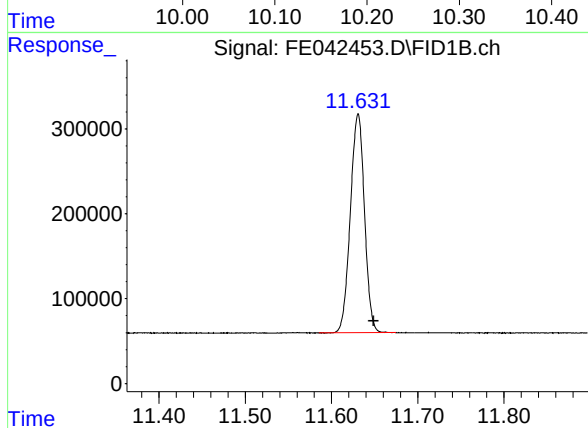
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.018 min
Response: 2819877
Conc: 18.82 ug/ml



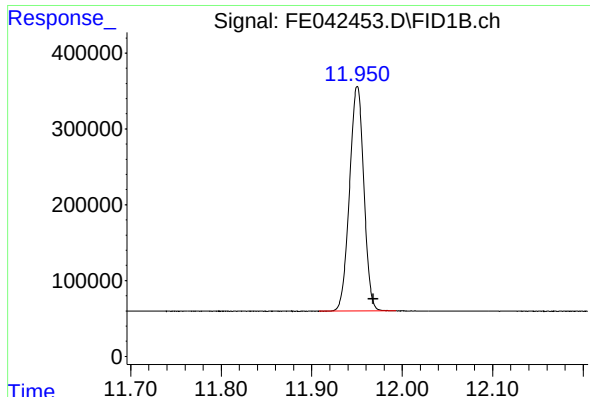
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: -0.018 min
Response: 2925964
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

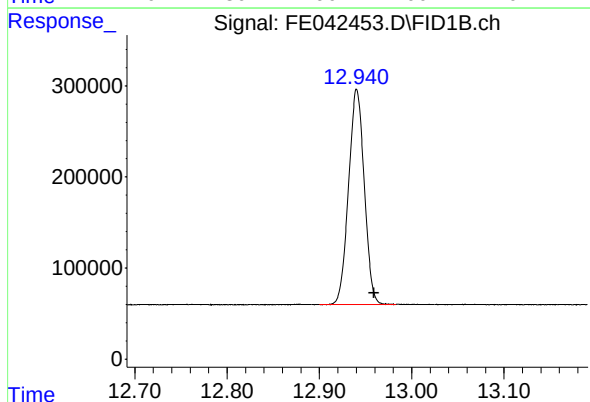
R.T.: 11.631 min
Delta R.T.: -0.018 min
Response: 2938090
Conc: 18.58 ug/ml



#9 ortho-Terphenyl (SURR)

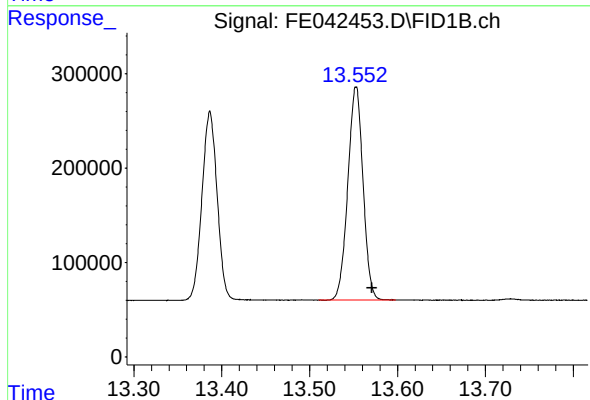
R.T.: 11.950 min
Delta R.T.: -0.018 min
Response: 3257116
Conc: 18.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



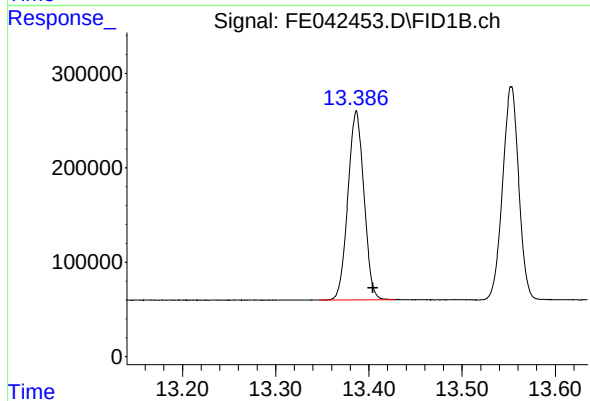
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.019 min
Response: 2792743
Conc: 18.42 ug/ml



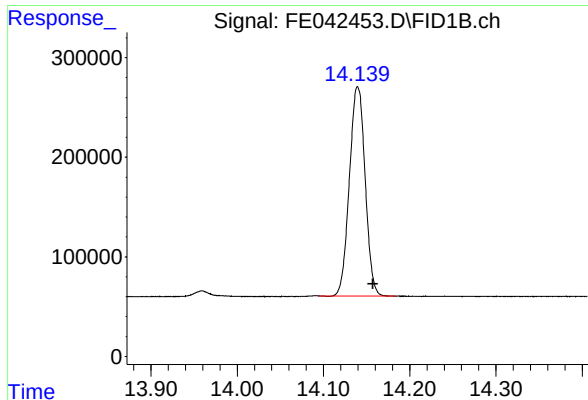
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.018 min
Response: 2717255
Conc: 18.34 ug/ml



#12 1-chlorooctadecane (SURR)

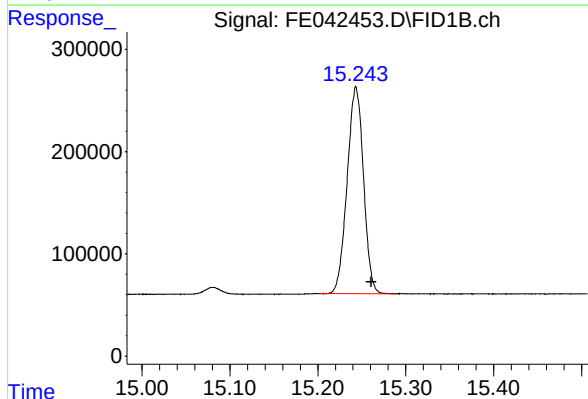
R.T.: 13.387 min
Delta R.T.: -0.018 min
Response: 2390628
Conc: 17.99 ug/ml



#13 n-Docosane (C22)

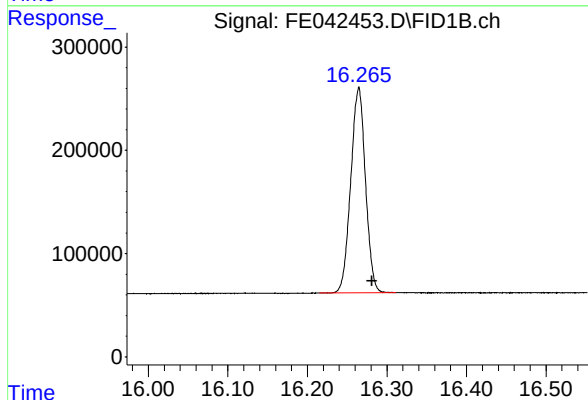
R.T.: 14.140 min
Delta R.T.: -0.017 min
Response: 2668320
Conc: 18.20 ug/ml

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20 PPM ALIPHATIC HC STD



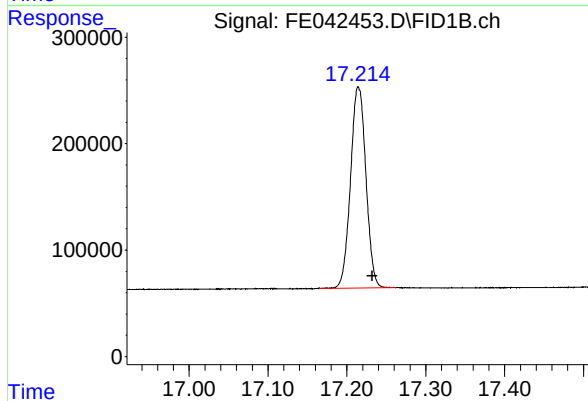
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.017 min
Response: 2615767
Conc: 18.12 ug/ml



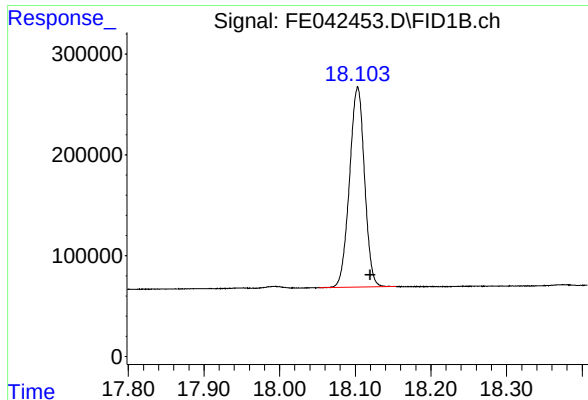
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.016 min
Response: 2556886
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

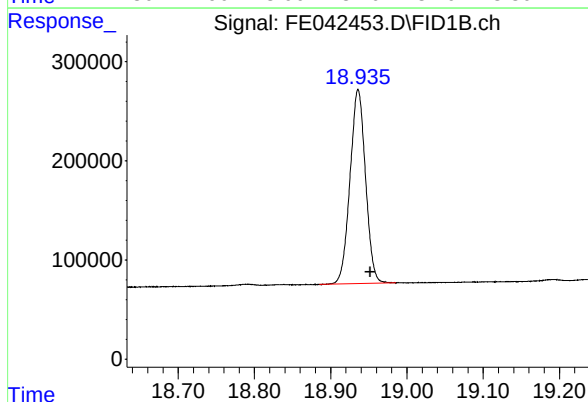
R.T.: 17.215 min
Delta R.T.: -0.018 min
Response: 2563252
Conc: 19.15 ug/ml



#17 n-Tricontane (C30)

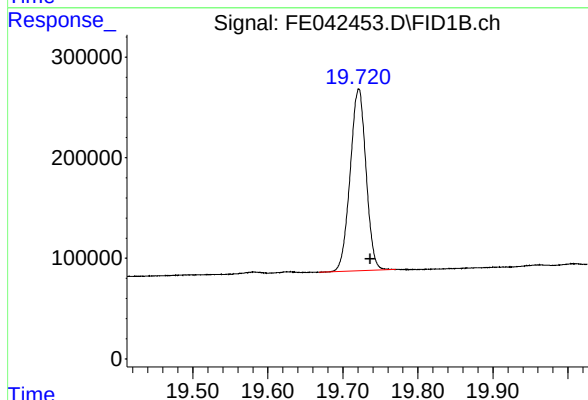
R.T.: 18.103 min
Delta R.T.: -0.016 min
Response: 2741550
Conc: 20.31 ug/ml

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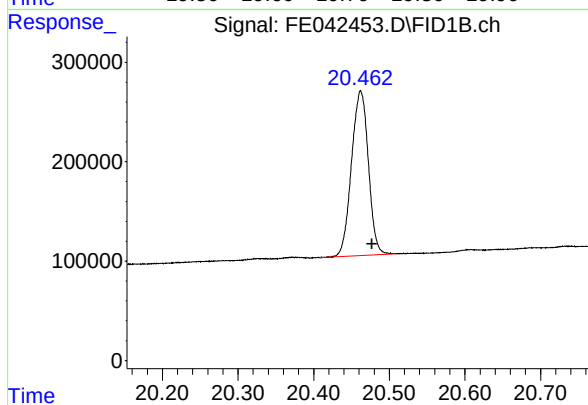
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.016 min
Response: 2766769
Conc: 20.71 ug/ml



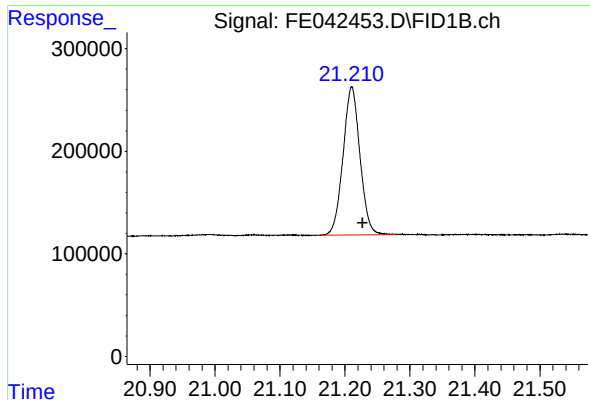
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.015 min
Response: 2657912
Conc: 20.21 ug/ml



#20 n-Hexatriacontane (C36)

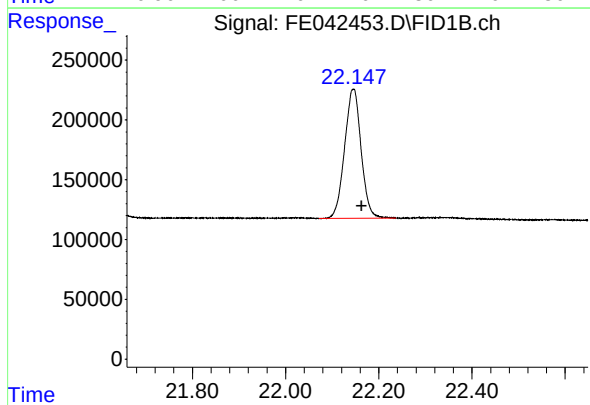
R.T.: 20.462 min
Delta R.T.: -0.015 min
Response: 2562319
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: -0.017 min
Response: 2613671
Conc: 19.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: -0.017 min
Response: 2659414
Conc: 19.12 ug/ml