

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060723AL\
 Data File : FE042471.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jun 2023 18:28
 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 08 01:45:10 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)	11.948	3212049	18.191 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
12) S 1-chlorooctadecane (S...	13.384	2360173	17.762 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
Target Compounds			
1) T n-Nonane (C9)	3.327	2692049	18.669 ug/ml
2) T n-Decane (C10)	4.579	2823458	19.073 ug/ml
3) T A~Naphthalene (C11.7)	6.287	3026588	18.550 ug/ml
4) T n-Dodecane (C12)	6.747	2855327	19.041 ug/ml
5) T A~2-methylnaphthalene...	7.385	2908298	18.325 ug/ml
6) T n-Tetradecane (C14)	8.577	2822385	18.840 ug/ml
7) T n-Hexadecane (C16)	10.185	2912200	18.695 ug/ml
8) T n-Octadecane (C18)	11.628	2914676	18.432 ug/ml
10) T n-Eicosane (C20)	12.938	2762572	18.225 ug/ml
11) T n-Heneicosane (C21)	13.551	2683449	18.113 ug/ml
13) T n-Docosane (C22)	14.138	2629530	17.937 ug/ml
14) T n-Tetracosane (C24)	15.241	2569986	17.803 ug/ml
15) T n-Hexacosane (C26)	16.263	2504960	18.087 ug/ml
16) T n-Octacosane (C28)	17.213	2510033	18.748 ug/ml
17) T n-Tricontane (C30)	18.100	2711133	20.084 ug/ml
18) T n-Dotriacontane (C32)	18.935	2766126	20.706 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2672851	20.324 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2604466	20.038 ug/ml
21) T n-Octatriacontane (C38)	21.207	2628725	19.375 ug/ml
22) T n-Tetracontane (C40)	22.140	2676805	19.241 ug/ml

(f)=RT Delta > 1/2 Window

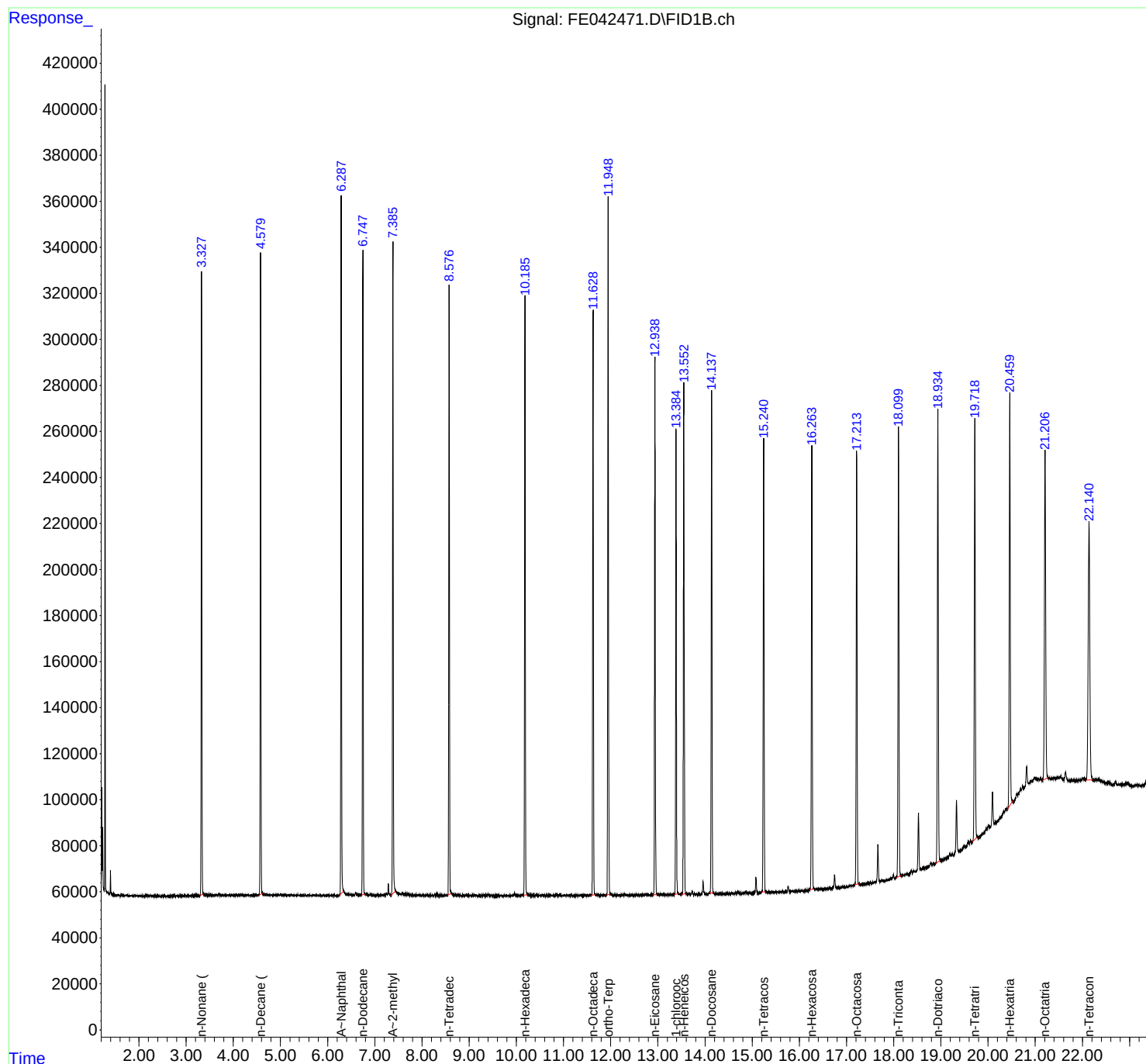
(m)=manual int.

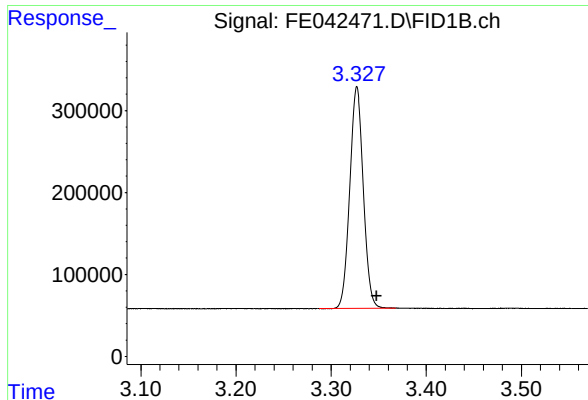
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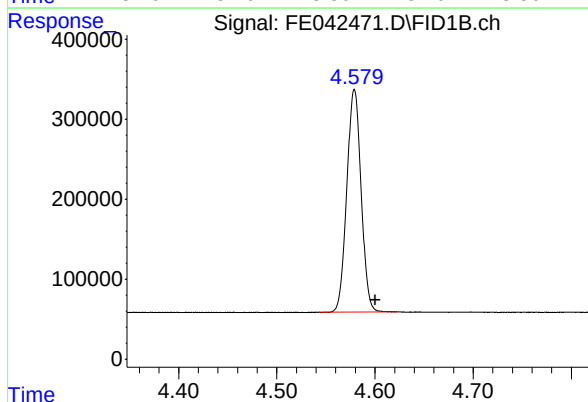




#1 n-Nonane (C9)

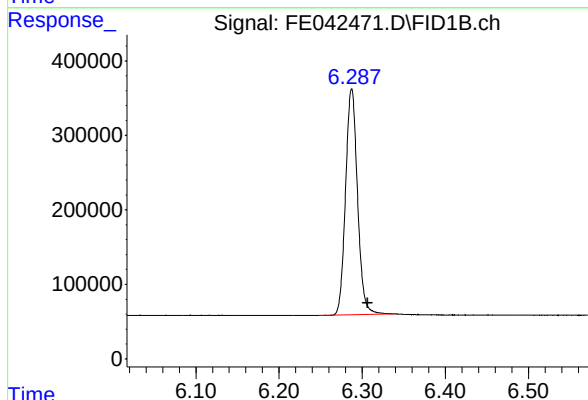
R.T.: 3.327 min
Delta R.T.: -0.021 min
Response: 2692049
Conc: 18.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



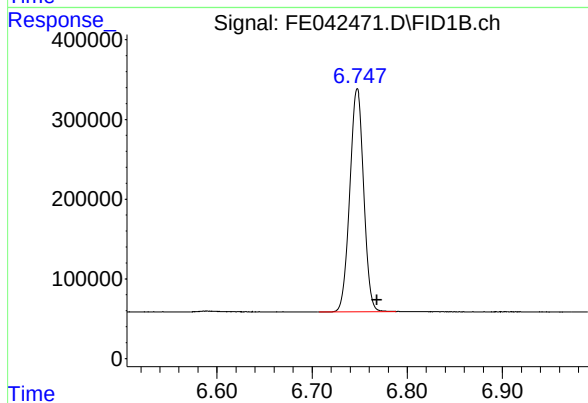
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.021 min
Response: 2823458
Conc: 19.07 ug/ml



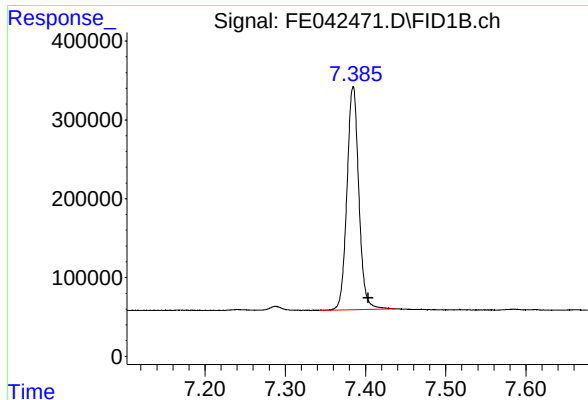
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.019 min
Response: 3026588
Conc: 18.55 ug/ml



#4 n-Dodecane (C12)

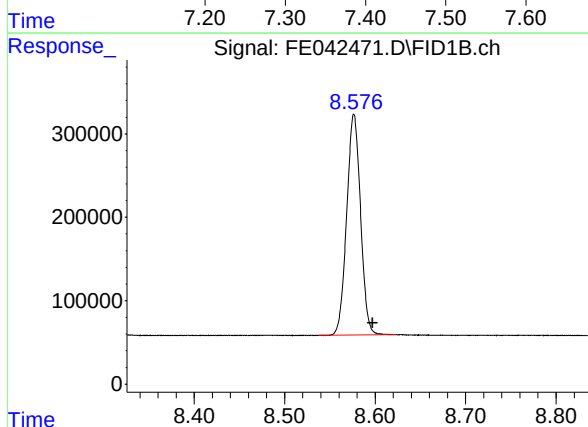
R.T.: 6.747 min
Delta R.T.: -0.021 min
Response: 2855327
Conc: 19.04 ug/ml



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

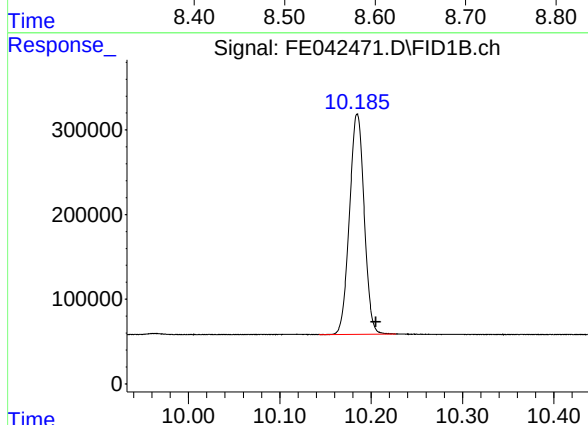
R.T.: 7.385 min
Delta R.T.: -0.019 min
Response: 2908298
Conc: 18.33 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



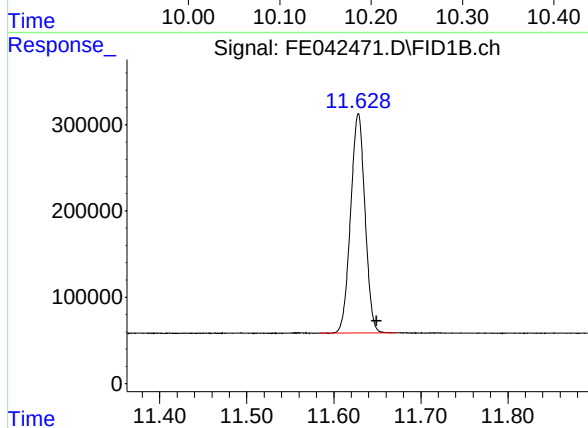
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.021 min
Response: 2822385
Conc: 18.84 ug/ml



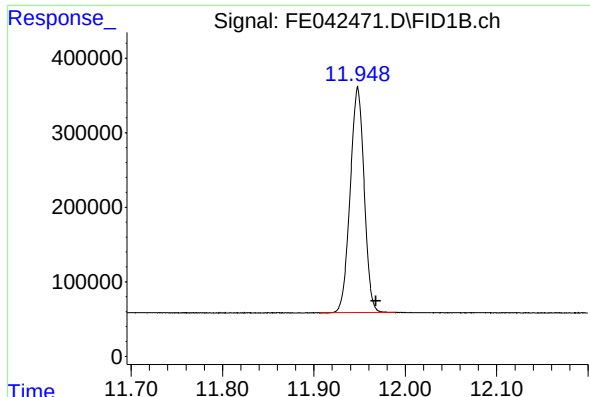
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.020 min
Response: 2912200
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

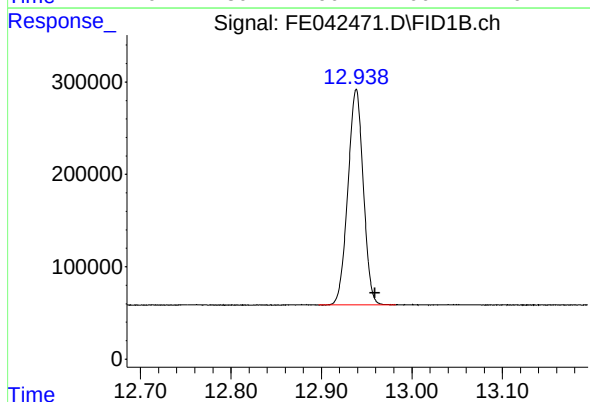
R.T.: 11.628 min
Delta R.T.: -0.021 min
Response: 2914676
Conc: 18.43 ug/ml



#9 ortho-Terphenyl (SURR)

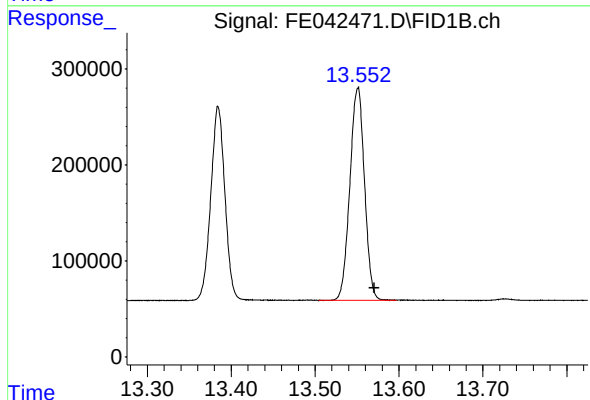
R.T.: 11.948 min
Delta R.T.: -0.020 min
Response: 3212049
Conc: 18.19 ug/ml

Instrument :
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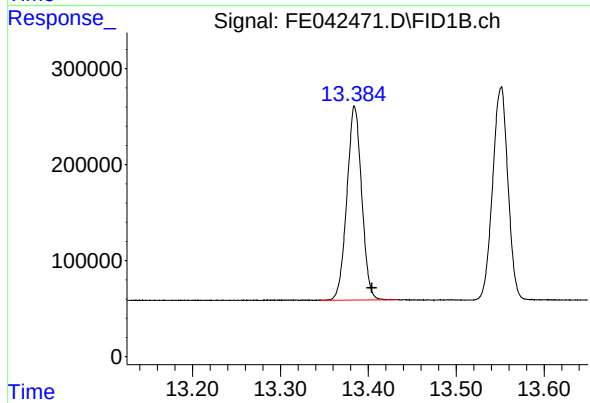
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.021 min
Response: 2762572
Conc: 18.22 ug/ml



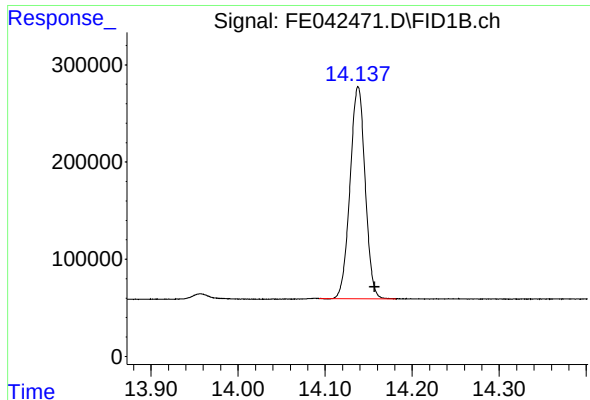
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: -0.020 min
Response: 2683449
Conc: 18.11 ug/ml



#12 1-chlorooctadecane (SURR)

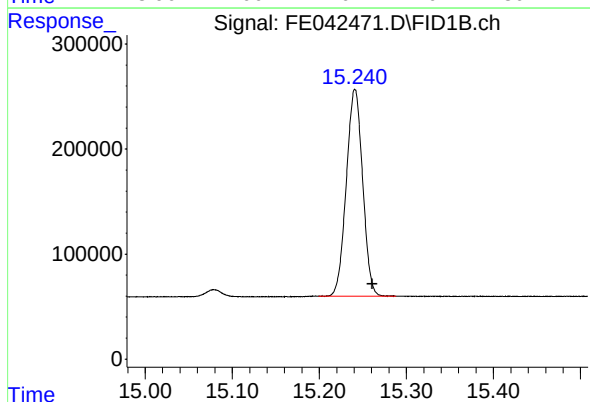
R.T.: 13.384 min
Delta R.T.: -0.020 min
Response: 2360173
Conc: 17.76 ug/ml



#13 n-Docosane (C22)

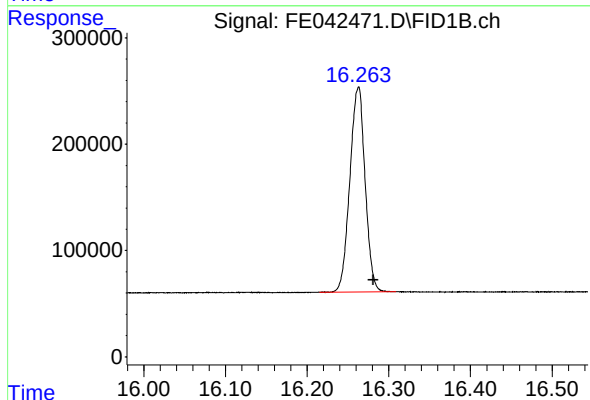
R.T.: 14.138 min
Delta R.T.: -0.019 min
Response: 2629530
Conc: 17.94 ug/ml

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20 PPM ALIPHATIC HC STD



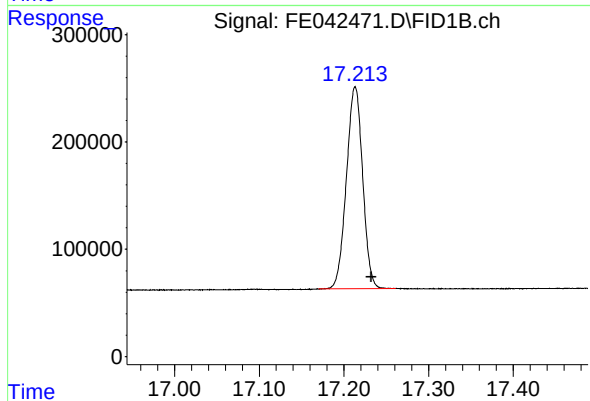
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.020 min
Response: 2569986
Conc: 17.80 ug/ml



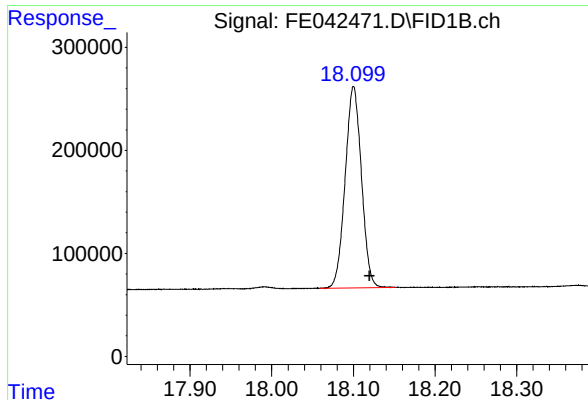
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.018 min
Response: 2504960
Conc: 18.09 ug/ml



#16 n-Octacosane (C28)

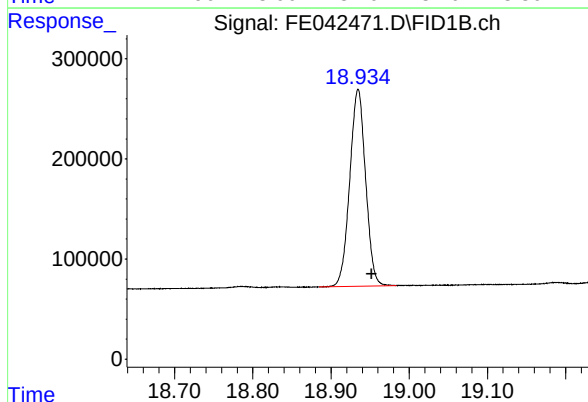
R.T.: 17.213 min
Delta R.T.: -0.019 min
Response: 2510033
Conc: 18.75 ug/ml



#17 n-Tricontane (C30)

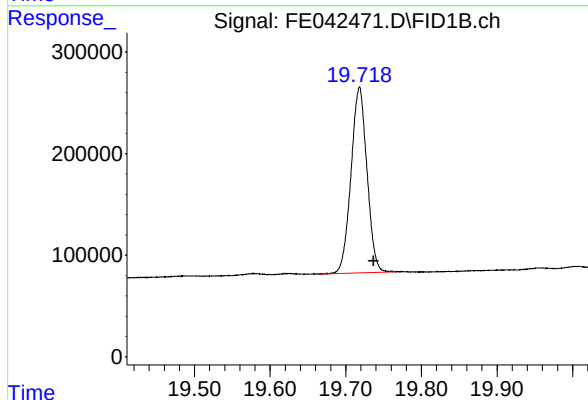
R.T.: 18.100 min
Delta R.T.: -0.020 min
Response: 2711133
Conc: 20.08 ug/ml

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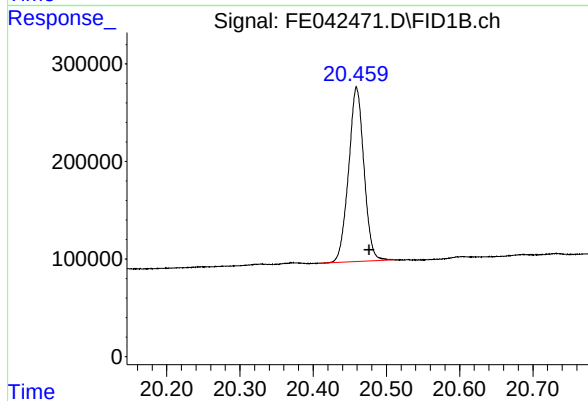
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.017 min
Response: 2766126
Conc: 20.71 ug/ml



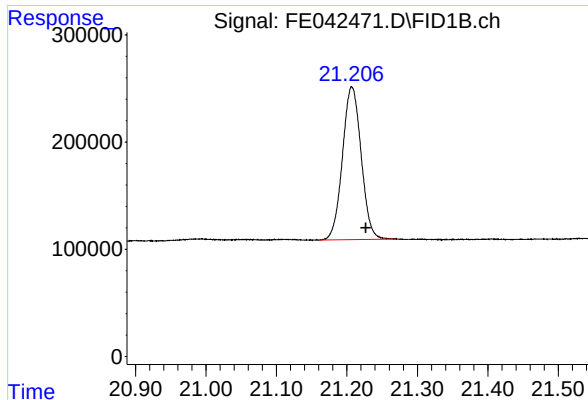
#19 n-Tetatriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.018 min
Response: 2672851
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

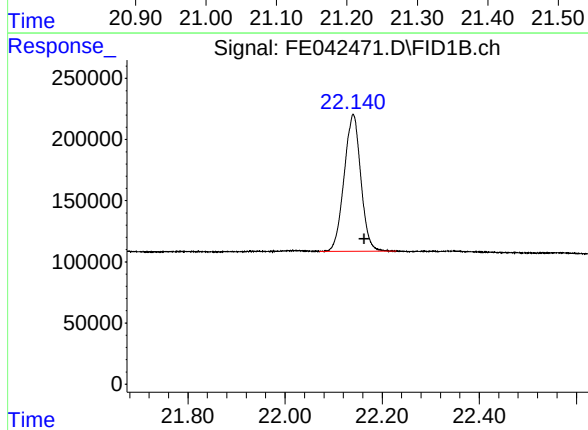
R.T.: 20.459 min
Delta R.T.: -0.018 min
Response: 2604466
Conc: 20.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 2628725
Conc: 19.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.023 min
Response: 2676805
Conc: 19.24 ug/ml