

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
 Data File : FE042920.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2023 14:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 27 01:18:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.919	3487713	18.986 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
12) S 1-chlorooctadecane (S...	13.356	2581801	18.971 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.296	3003671	19.445 ug/ml
2) T n-Decane (C10)	4.548	3065955	19.410 ug/ml
3) T A~Naphthalene (C11.7)	6.258	3303731	19.511 ug/ml
4) T n-Dodecane (C12)	6.718	3110965	19.435 ug/ml
5) T A~2-methylnaphthalene...	7.356	3162356	19.504 ug/ml
6) T n-Tetradecane (C14)	8.548	3095397	19.449 ug/ml
7) T n-Hexadecane (C16)	10.156	3187039	19.351 ug/ml
8) T n-Octadecane (C18)	11.600	3196913	19.233 ug/ml
10) T n-Eicosane (C20)	12.910	3027248	19.077 ug/ml
11) T n-Heneicosane (C21)	13.522	2942834	19.021 ug/ml
13) T n-Docosane (C22)	14.108	2889462	18.968 ug/ml
14) T n-Tetracosane (C24)	15.211	2810974	18.945 ug/ml
15) T n-Hexacosane (C26)	16.233	2709903	18.955 ug/ml
16) T n-Octacosane (C28)	17.184	2644294	19.065 ug/ml
17) T n-Tricontane (C30)	18.072	2717827	19.217 ug/ml
18) T n-Dotriacontane (C32)	18.904	2706768	19.298 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2665904	19.481 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2621973	19.606 ug/ml
21) T n-Octatriacontane (C38)	21.173	2693912	19.759 ug/ml
22) T n-Tetracontane (C40)	22.093	2792602	20.072 ug/ml

(f)=RT Delta > 1/2 Window

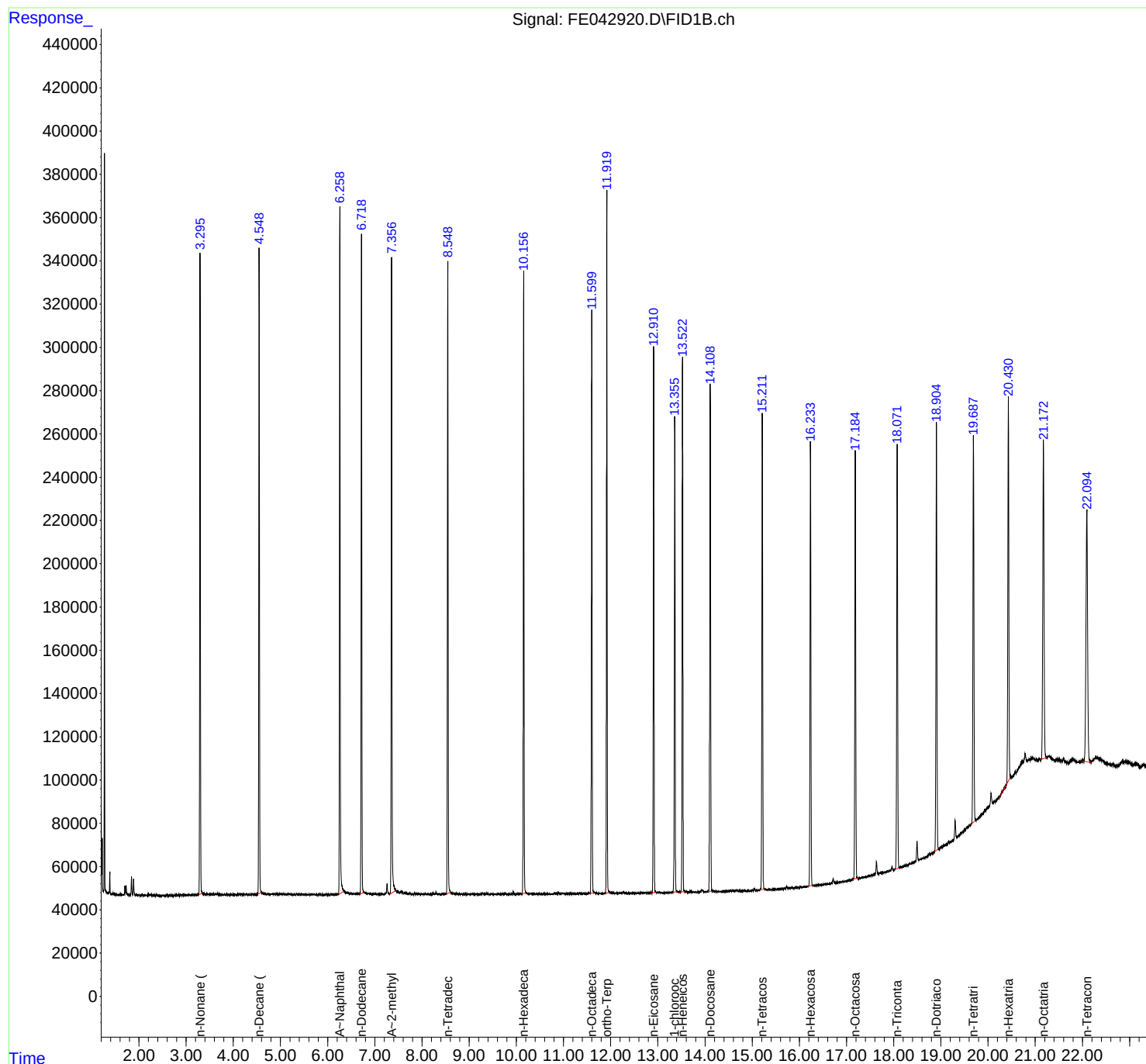
(m)=manual int.

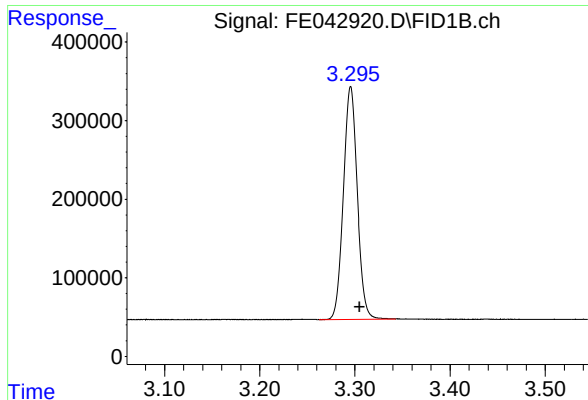
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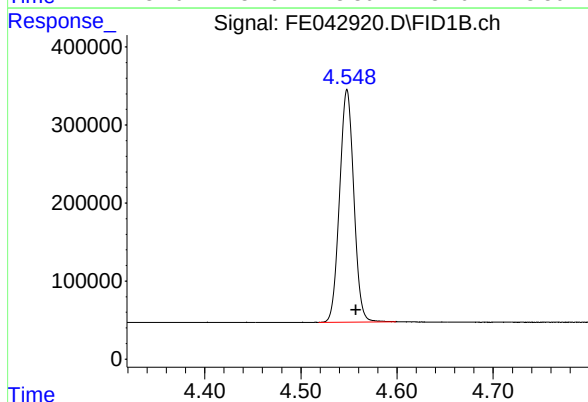




#1 n-Nonane (C9)

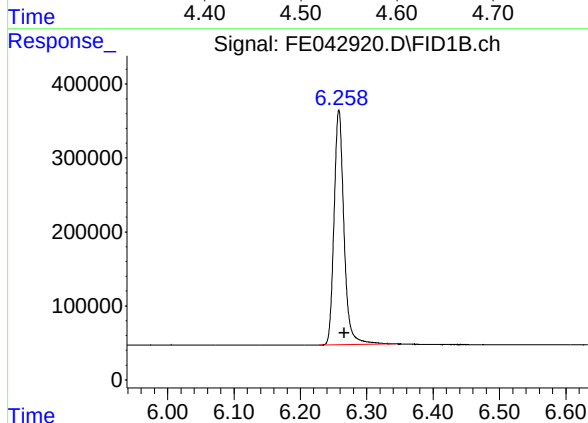
R.T.: 3.296 min
Delta R.T.: -0.009 min
Response: 3003671
Conc: 19.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



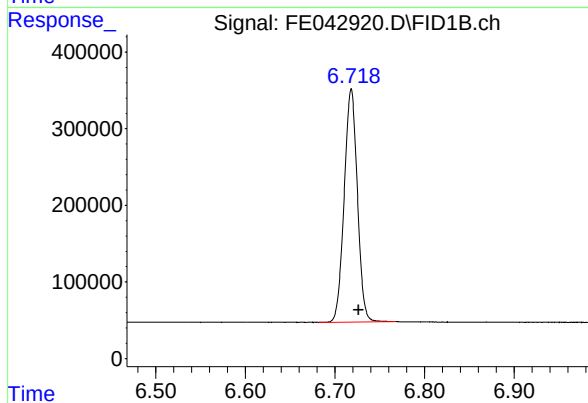
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.009 min
Response: 3065955
Conc: 19.41 ug/ml



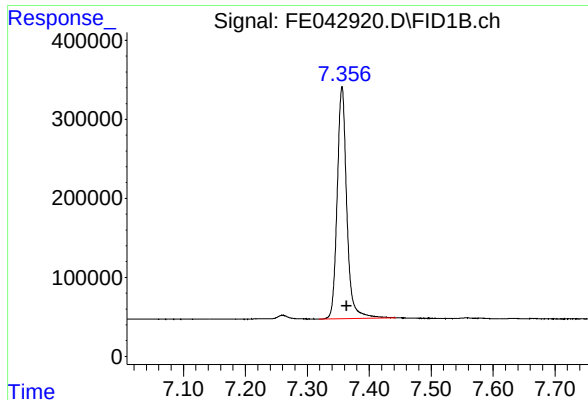
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.008 min
Response: 3303731
Conc: 19.51 ug/ml



#4 n-Dodecane (C12)

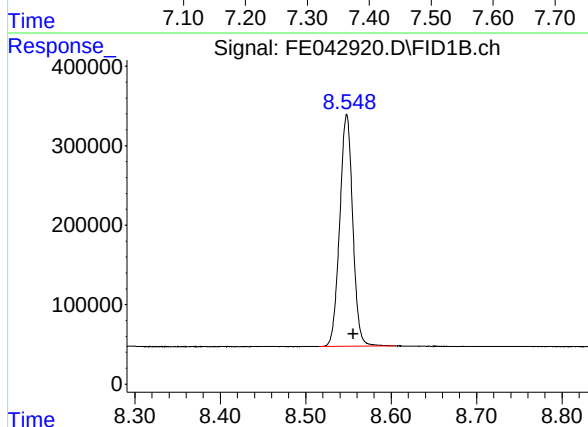
R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 3110965
Conc: 19.44 ug/ml



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

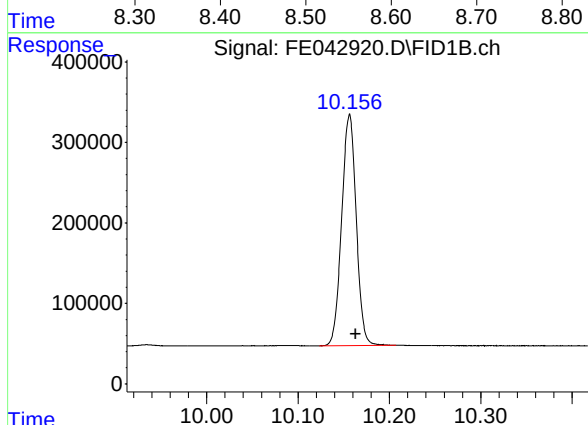
R.T.: 7.356 min
Delta R.T.: -0.007 min
Response: 3162356
Conc: 19.50 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



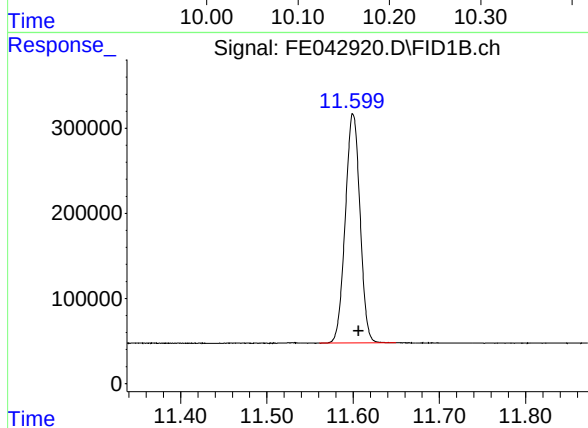
#6 n-Tetradecane (C14)

R.T.: 8.548 min
Delta R.T.: -0.008 min
Response: 3095397
Conc: 19.45 ug/ml



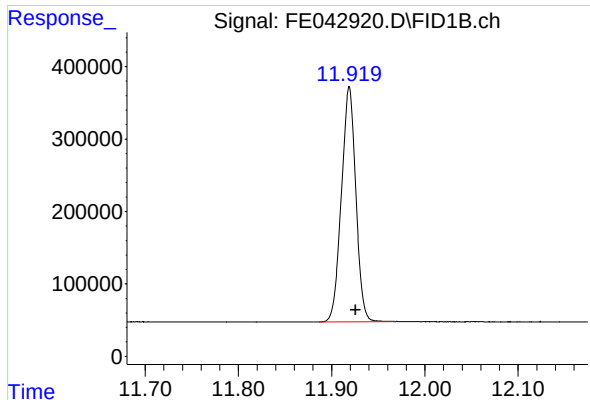
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.007 min
Response: 3187039
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

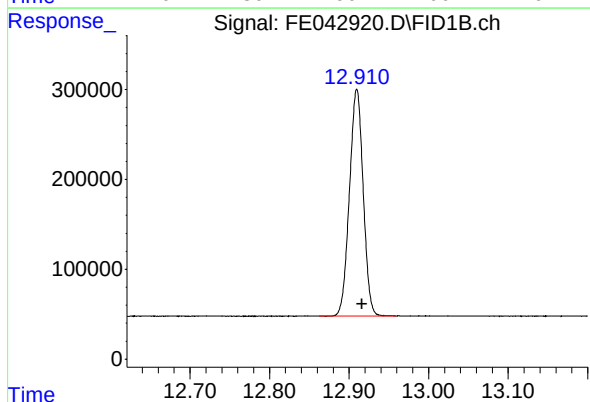
R.T.: 11.600 min
Delta R.T.: -0.007 min
Response: 3196913
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

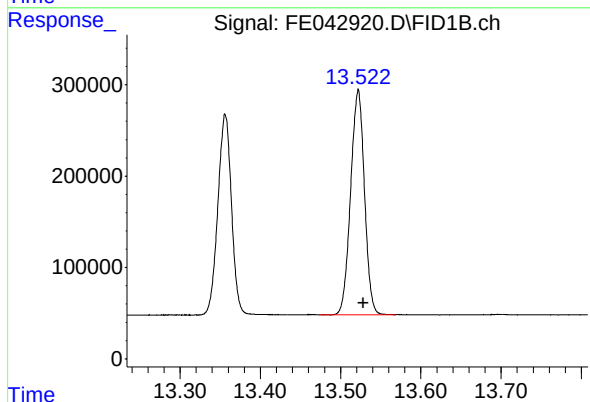
R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 3487713
Conc: 18.99 ug/ml

Instrument :
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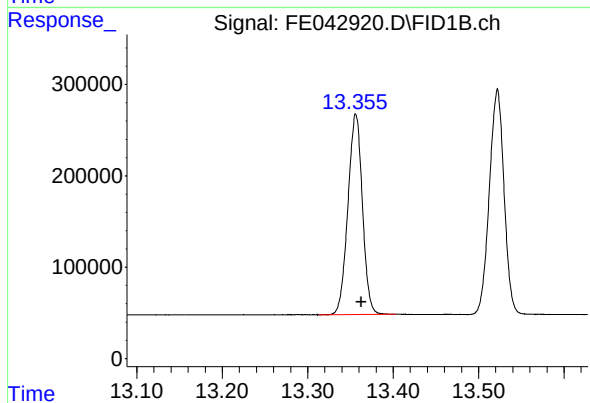
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.006 min
Response: 3027248
Conc: 19.08 ug/ml



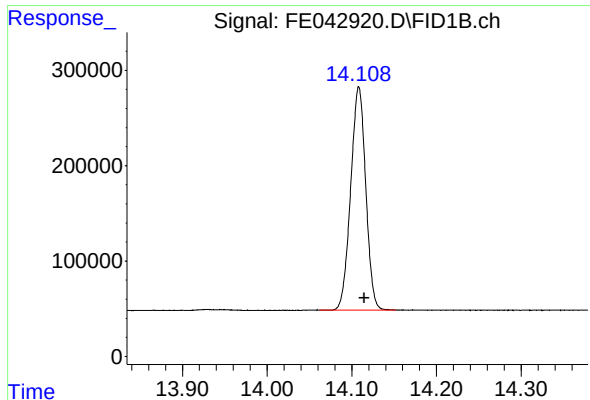
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: -0.006 min
Response: 2942834
Conc: 19.02 ug/ml



#12 1-chlorooctadecane (SURR)

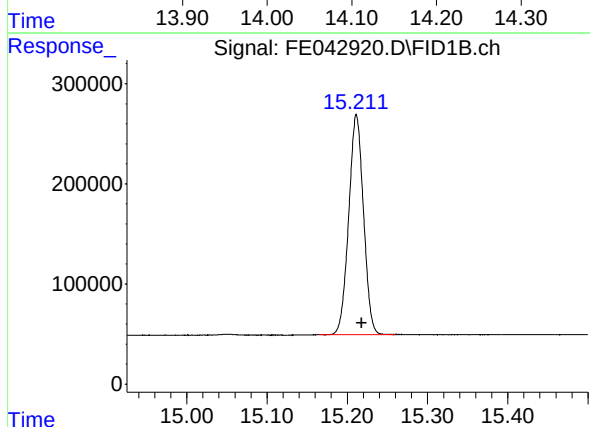
R.T.: 13.356 min
Delta R.T.: -0.006 min
Response: 2581801
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

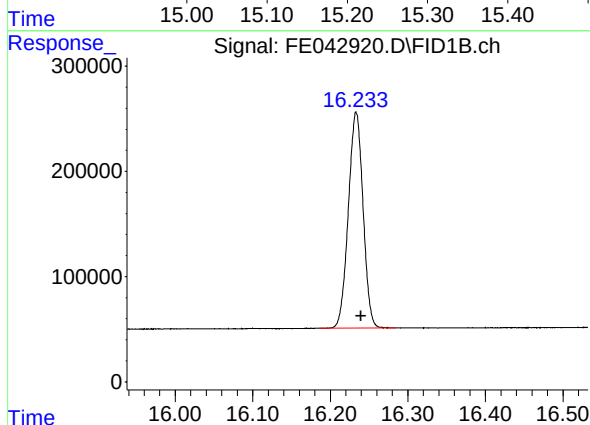
R.T.: 14.108 min
Delta R.T.: -0.006 min
Response: 2889462
Conc: 18.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



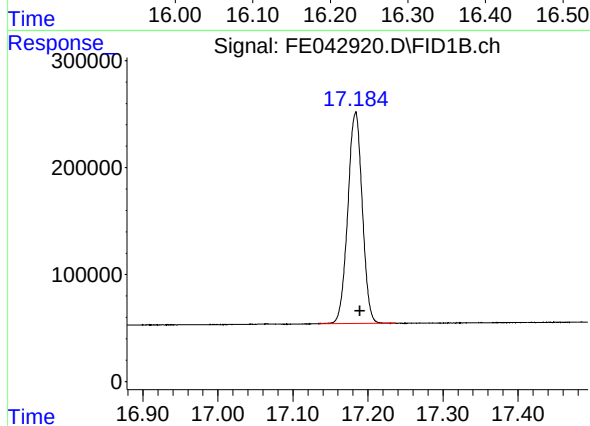
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.006 min
Response: 2810974
Conc: 18.95 ug/ml



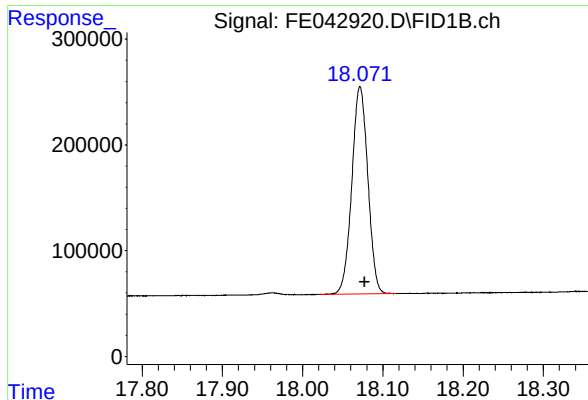
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: -0.006 min
Response: 2709903
Conc: 18.96 ug/ml



#16 n-Octacosane (C28)

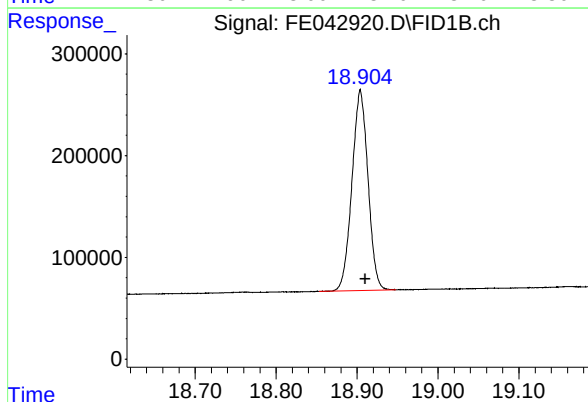
R.T.: 17.184 min
Delta R.T.: -0.006 min
Response: 2644294
Conc: 19.07 ug/ml



#17 n-Tricontane (C30)

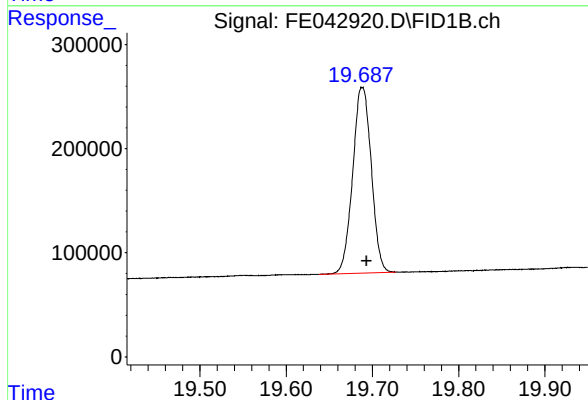
R.T.: 18.072 min
Delta R.T.: -0.006 min
Response: 2717827
Conc: 19.22 ug/ml

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20 PPM ALIPHATIC HC STD



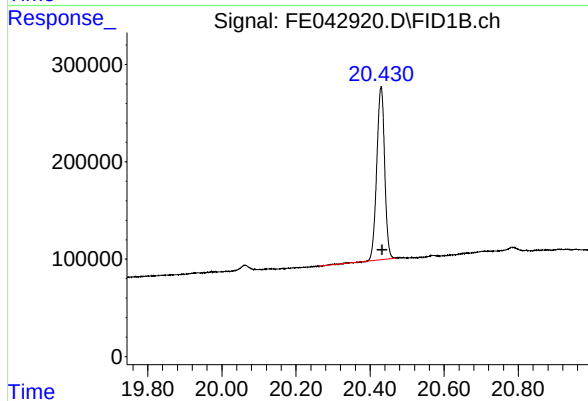
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.006 min
Response: 2706768
Conc: 19.30 ug/ml



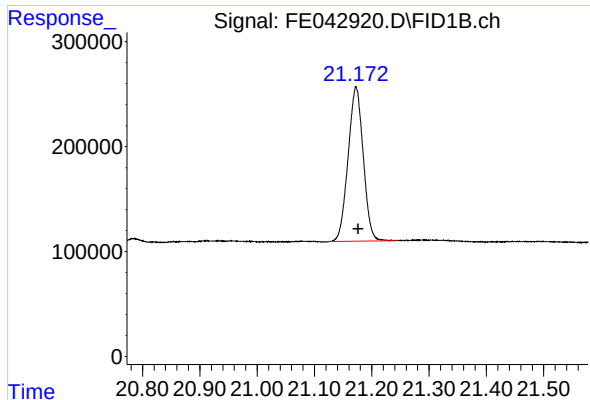
#19 n-Tetatriacontane (C34)

R.T.: 19.688 min
Delta R.T.: -0.005 min
Response: 2665904
Conc: 19.48 ug/ml



#20 n-Hexatriacontane (C36)

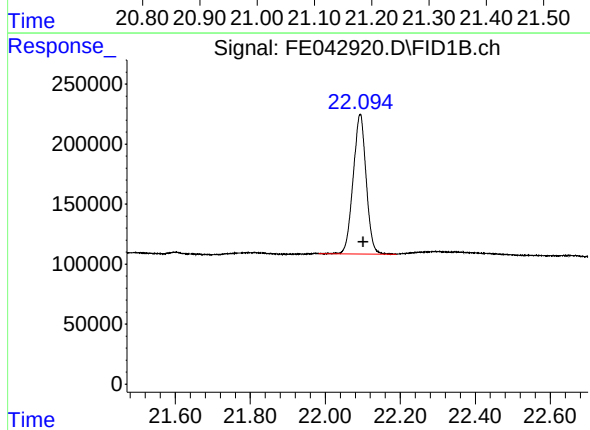
R.T.: 20.430 min
Delta R.T.: -0.003 min
Response: 2621973
Conc: 19.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.004 min
Response: 2693912
Conc: 19.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.093 min
Delta R.T.: -0.008 min
Response: 2792602
Conc: 20.07 ug/ml