

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111323AL\
 Data File : FE045307.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2023 08:51
 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: Nov 13 23:17:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.878	4157043	21.773 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
12) S 1-chlorooctadecane (S...	13.319	2792695	20.275 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
Target Compounds			
1) T n-Nonane (C9)	3.266	3516466	21.286 ug/ml
2) T n-Decane (C10)	4.517	3650807	21.773 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3808904	21.338 ug/ml
4) T n-Dodecane (C12)	6.683	3678116	21.779 ug/ml
5) T A~2-methylnaphthalene...	7.312	3639717	21.196 ug/ml
6) T n-Tetradecane (C14)	8.509	3594769	21.569 ug/ml
7) T n-Hexadecane (C16)	10.119	3617017	21.504 ug/ml
8) T n-Octadecane (C18)	11.564	3592599	21.465 ug/ml
10) T n-Eicosane (C20)	12.875	3385423	21.371 ug/ml
11) T n-Heneicosane (C21)	13.487	3299132	21.457 ug/ml
13) T n-Docosane (C22)	14.075	3252333	21.465 ug/ml
14) T n-Tetracosane (C24)	15.180	3222345	21.756 ug/ml
15) T n-Hexacosane (C26)	16.202	3190997	21.893 ug/ml
16) T n-Octacosane (C28)	17.154	3261190	22.317 ug/ml
17) T n-Tricontane (C30)	18.043	3517065	23.154 ug/ml
18) T n-Dotriacontane (C32)	18.877	3859780	24.707 ug/ml
19) T n-Tetratriacontane (C34)	19.662	3542914	22.691 ug/ml
20) T n-Hexatriacontane (C36)	20.405	3420645	21.074 ug/ml
21) T n-Octatriacontane (C38)	21.138	3401351	20.472 ug/ml
22) T n-Tetracontane (C40)	22.050	2857276	16.728 ug/ml

(f)=RT Delta > 1/2 Window

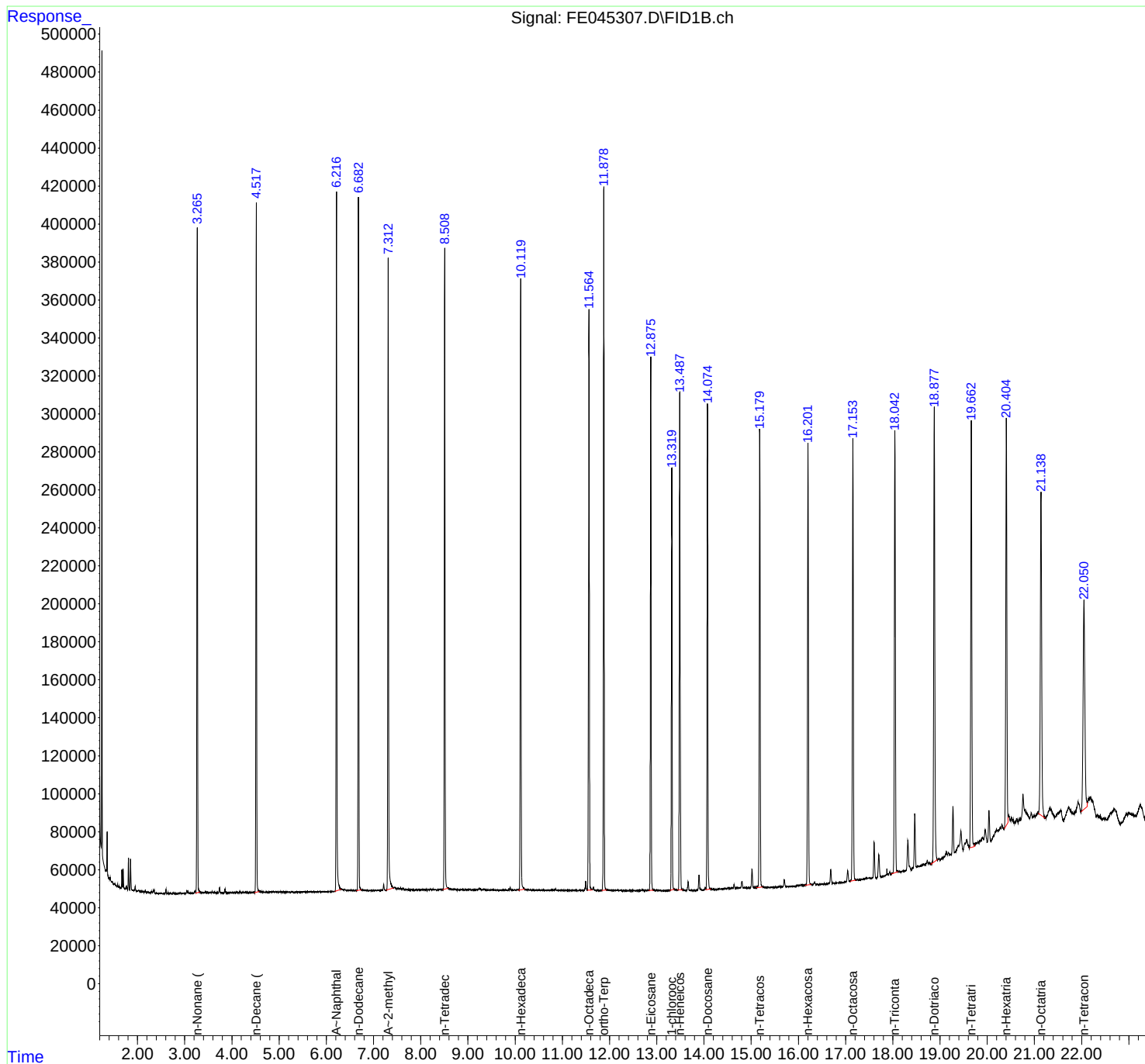
(m)=manual int.

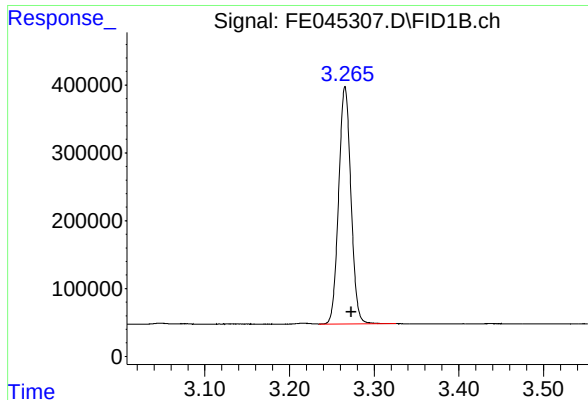
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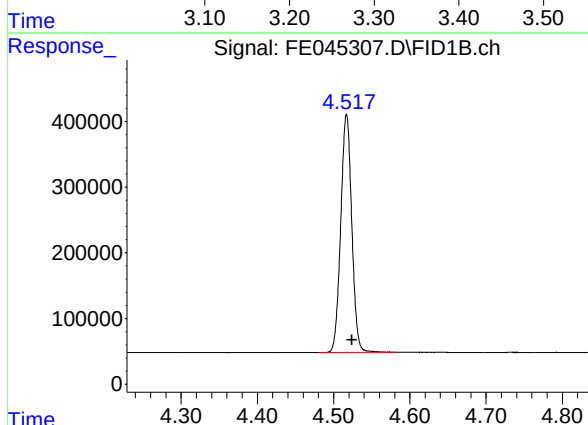




#1 n-Nonane (C9)

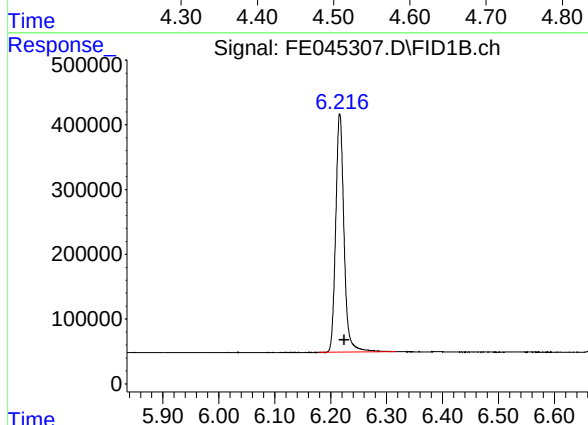
R.T.: 3.266 min
Delta R.T.: -0.007 min
Response: 3516466
Conc: 21.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



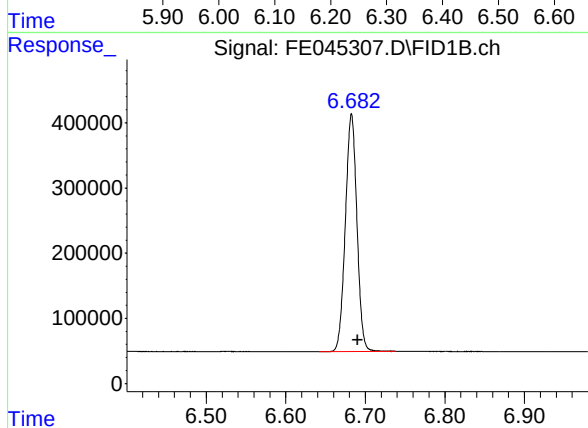
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.007 min
Response: 3650807
Conc: 21.77 ug/ml



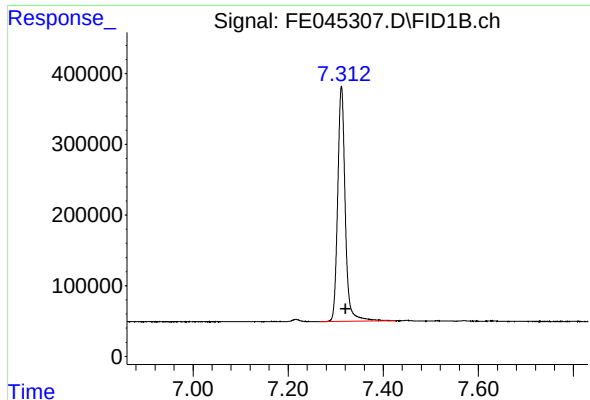
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.008 min
Response: 3808904
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

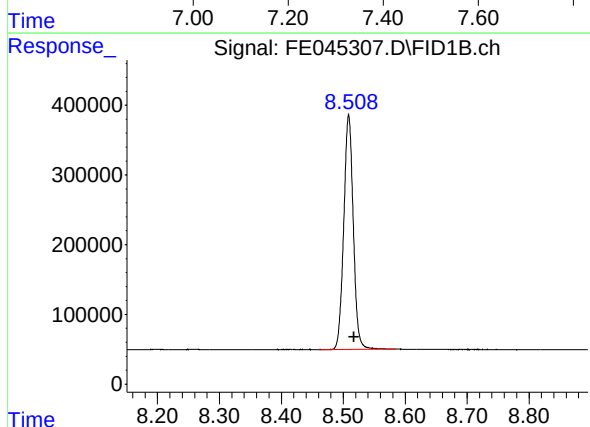
R.T.: 6.683 min
Delta R.T.: -0.008 min
Response: 3678116
Conc: 21.78 ug/ml



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

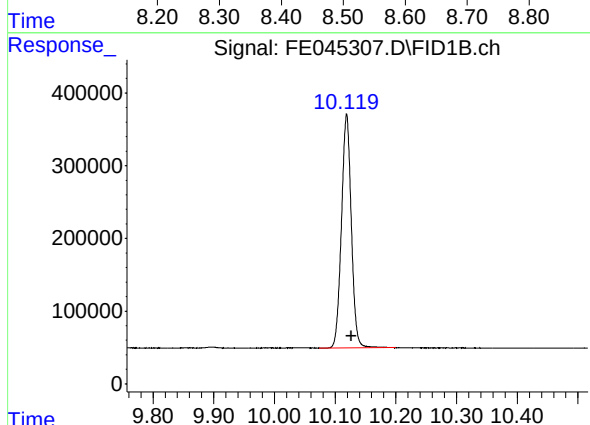
R.T.: 7.312 min
Delta R.T.: -0.009 min
Response: 3639717
Conc: 21.20 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



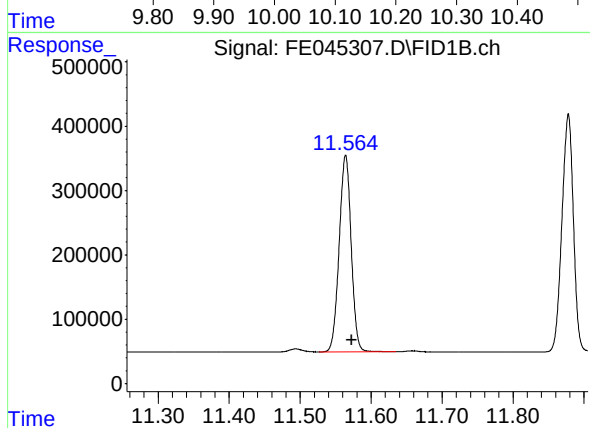
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.009 min
Response: 3594769
Conc: 21.57 ug/ml



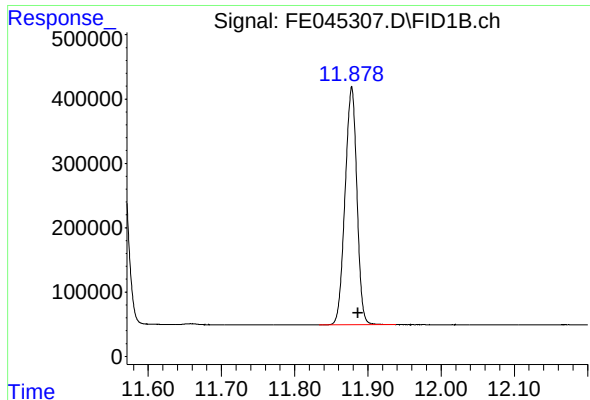
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.008 min
Response: 3617017
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

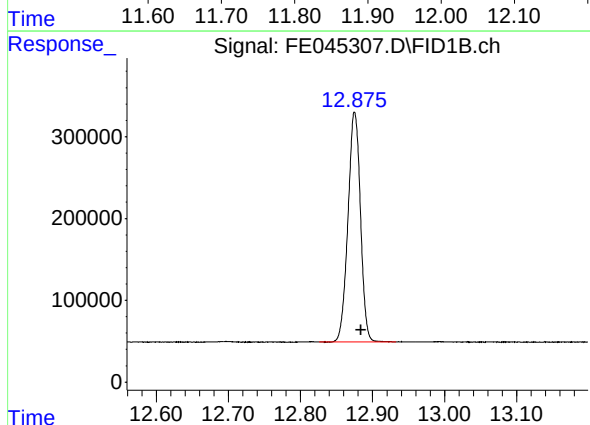
R.T.: 11.564 min
Delta R.T.: -0.009 min
Response: 3592599
Conc: 21.46 ug/ml



#9 ortho-Terphenyl (SURR)

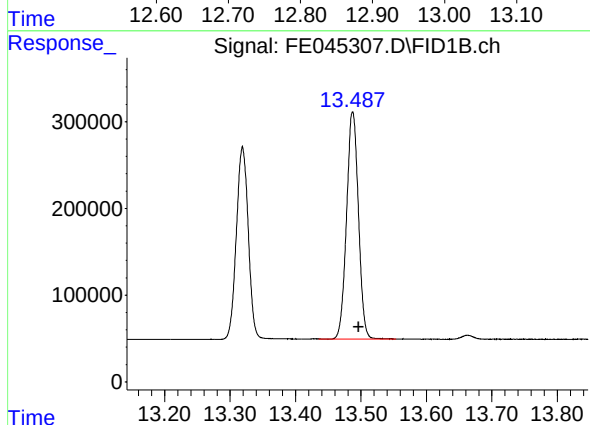
R.T.: 11.878 min
Delta R.T.: -0.009 min
Response: 4157043
Conc: 21.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



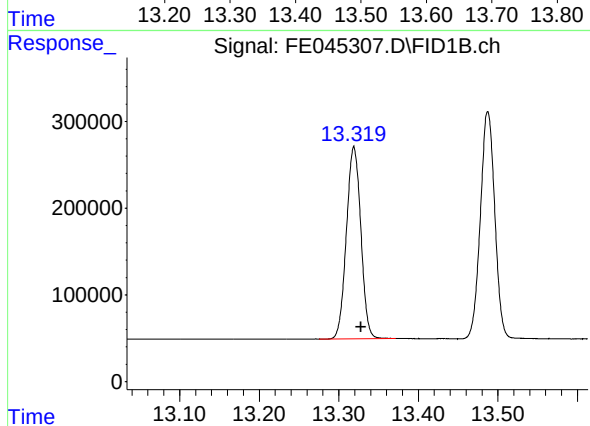
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.009 min
Response: 3385423
Conc: 21.37 ug/ml



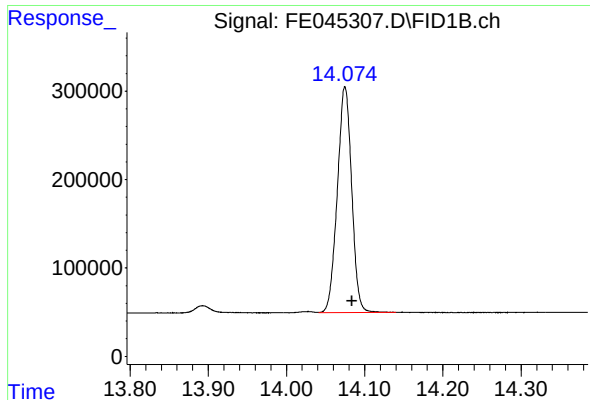
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.009 min
Response: 3299132
Conc: 21.46 ug/ml



#12 1-chlorooctadecane (SURR)

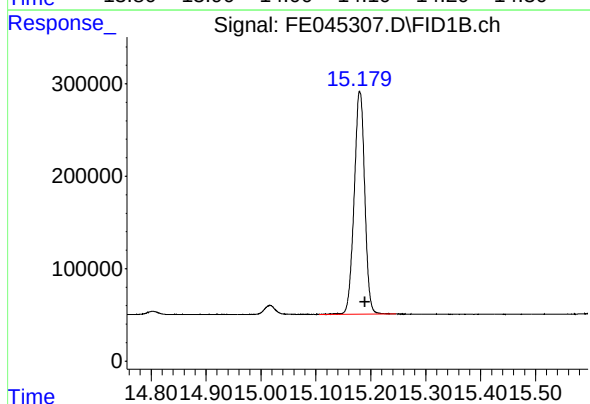
R.T.: 13.319 min
Delta R.T.: -0.009 min
Response: 2792695
Conc: 20.28 ug/ml



#13 n-Docosane (C22)

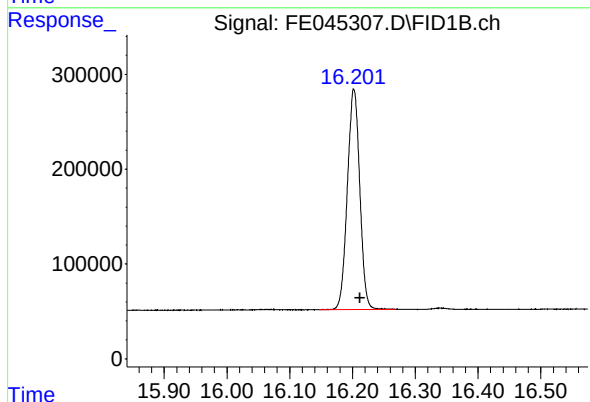
R.T.: 14.075 min
Delta R.T.: -0.009 min
Response: 3252333
Conc: 21.47 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



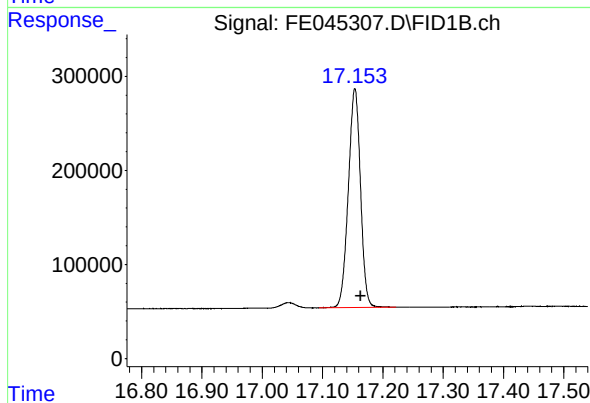
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.009 min
Response: 3222345
Conc: 21.76 ug/ml



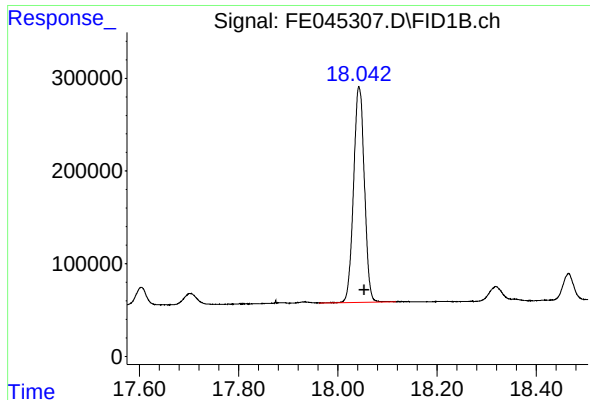
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.010 min
Response: 3190997
Conc: 21.89 ug/ml



#16 n-Octacosane (C28)

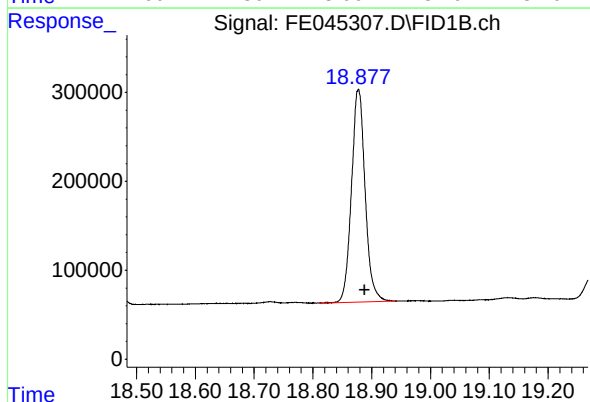
R.T.: 17.154 min
Delta R.T.: -0.010 min
Response: 3261190
Conc: 22.32 ug/ml



#17 n-Tricontane (C30)

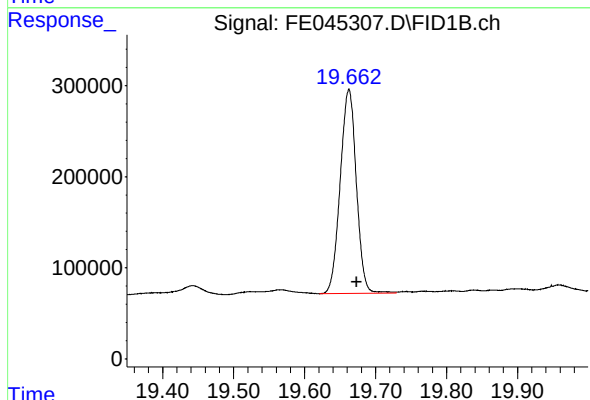
R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 3517065
Conc: 23.15 ug/ml

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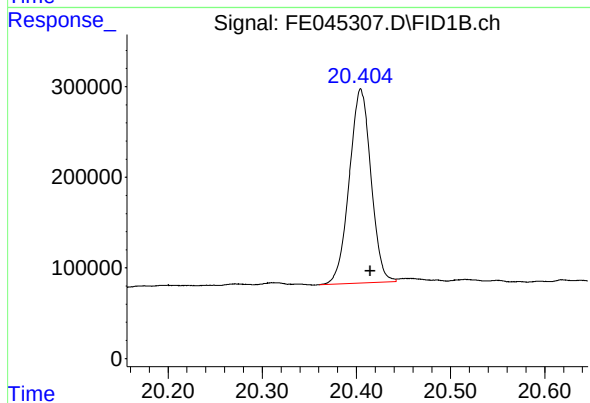
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.010 min
Response: 3859780
Conc: 24.71 ug/ml



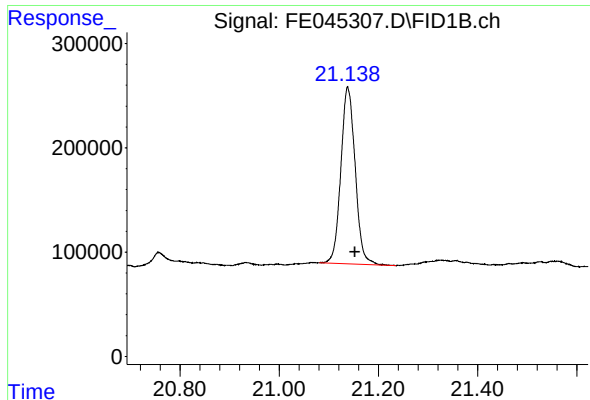
#19 n-Tetratriacontane (C34)

R.T.: 19.662 min
Delta R.T.: -0.011 min
Response: 3542914
Conc: 22.69 ug/ml



#20 n-Hexatriacontane (C36)

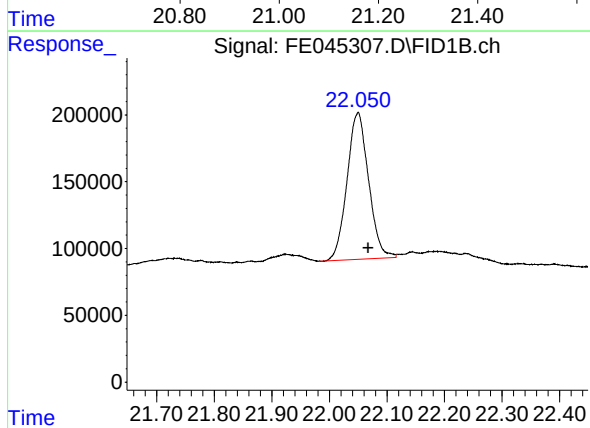
R.T.: 20.405 min
Delta R.T.: -0.010 min
Response: 3420645
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.014 min
Response: 3401351
Conc: 20.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: -0.018 min
Response: 2857276
Conc: 16.73 ug/ml