

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120224AL\
 Data File : FE051503.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2024 15:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 02 16:13:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 2024
 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)	11.830	2838298	18.782 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	13.263	2106754	18.852 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.222	2617680	18.678 ug/ml
2) T n-Decane (C10)	4.470	2668701	18.819 ug/ml
3) T A~Naphthalene (C11.7)	6.184	2476336	18.733 ug/ml
4) T n-Dodecane (C12)	6.637	2691293	18.907 ug/ml
5) T A~2-methylnaphthalene...	7.281	2222399	18.525 ug/ml
6) T n-Tetradecane (C14)	8.463	2632666	18.886 ug/ml
7) T n-Hexadecane (C16)	10.068	2674325	18.822 ug/ml
8) T n-Octadecane (C18)	11.509	2703471	18.812 ug/ml
10) T n-Eicosane (C20)	12.816	2598366	18.823 ug/ml
11) T n-Heneicosane (C21)	13.428	2550207	18.814 ug/ml
13) T n-Docosane (C22)	14.013	2530525	18.898 ug/ml
14) T n-Tetracosane (C24)	15.114	2500252	18.922 ug/ml
15) T n-Hexacosane (C26)	16.133	2464636	19.006 ug/ml
16) T n-Octacosane (C28)	17.081	2415500	18.946 ug/ml
17) T n-Tricontane (C30)	17.968	2443724	18.873 ug/ml
18) T n-Dotriacontane (C32)	18.799	2368180	18.917 ug/ml
19) T n-Tetratriacontane (C34)	19.582	2095422	18.553 ug/ml
20) T n-Hexatriacontane (C36)	20.321	1830141	19.003 ug/ml
21) T n-Octatriacontane (C38)	21.041	1662531	18.260 ug/ml
22) T n-Tetracontane (C40)	21.915	1661234	18.956 ug/ml

(f)=RT Delta > 1/2 Window

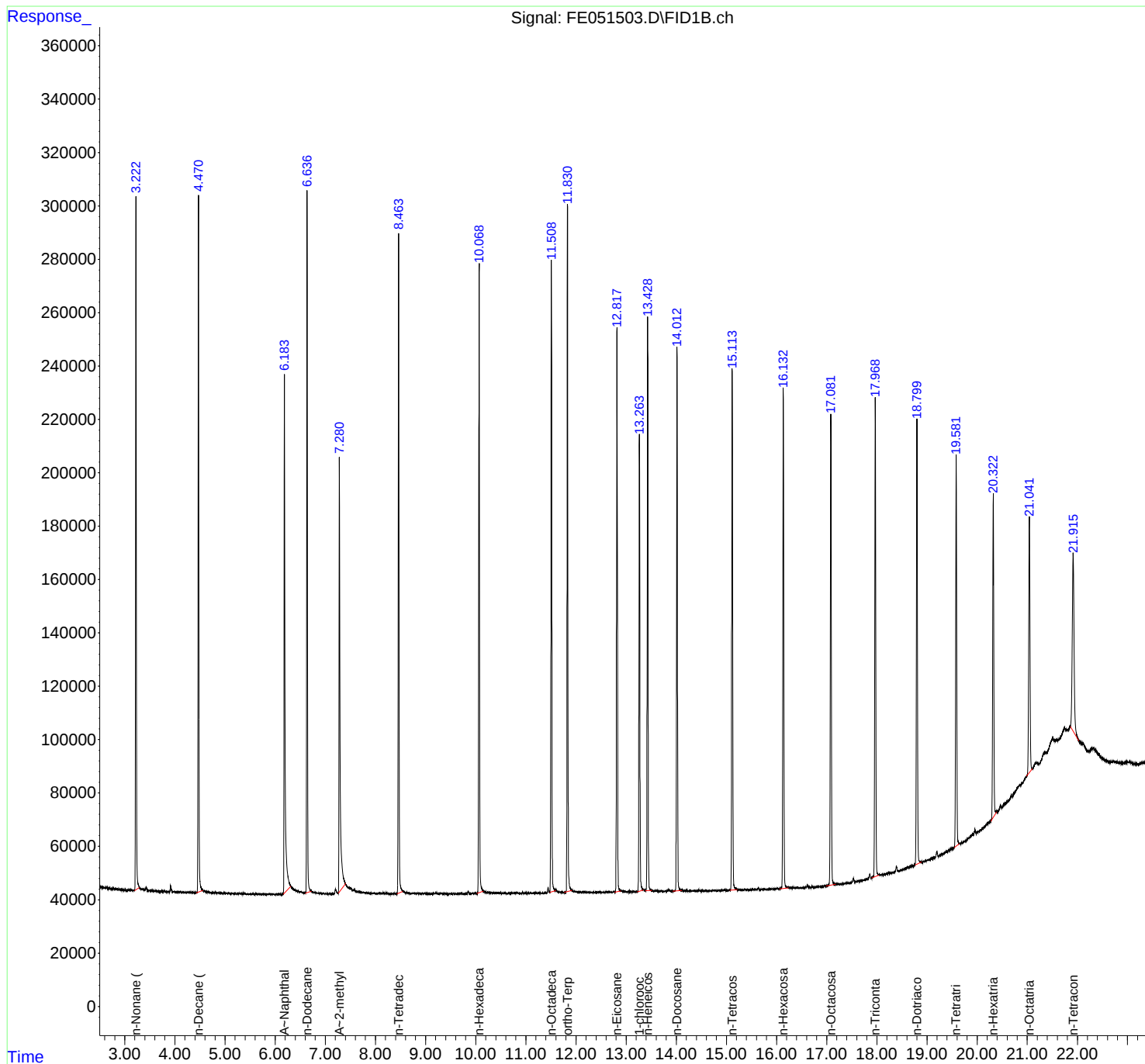
(m)=manual int.

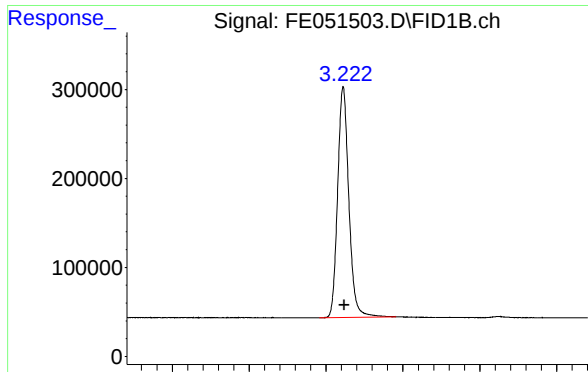
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120224AL\
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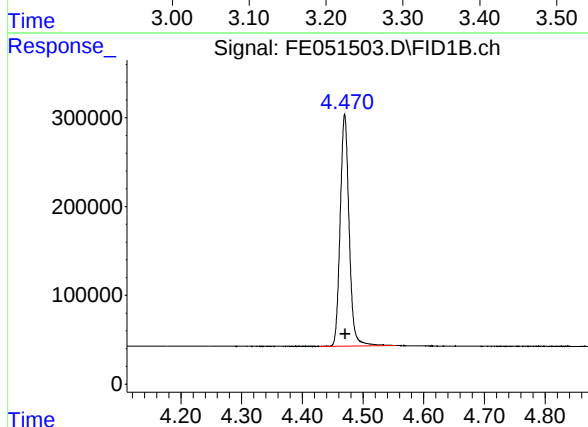




#1 n-Nonane (C9)

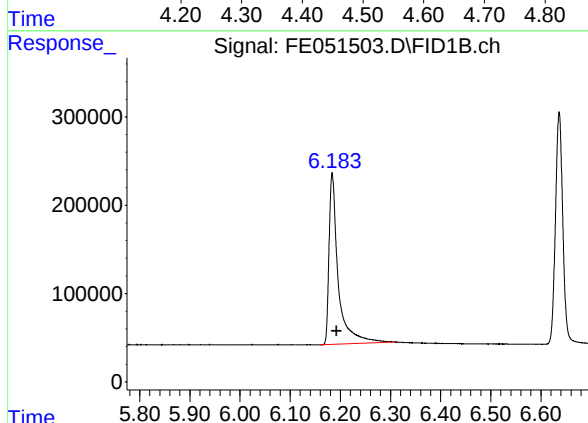
R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 2617680
Conc: 18.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



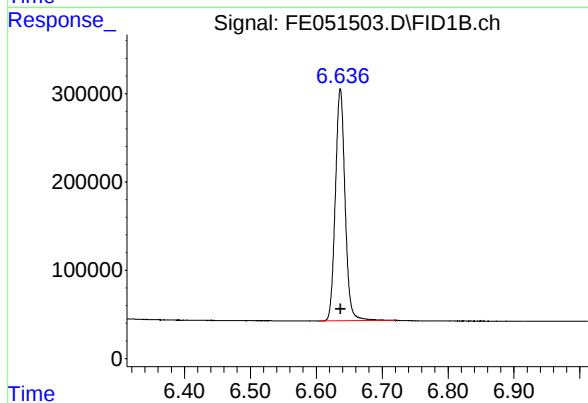
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.001 min
Response: 2668701
Conc: 18.82 ug/ml



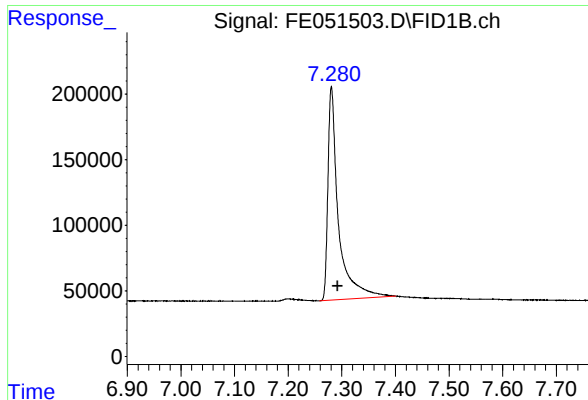
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.008 min
Response: 2476336
Conc: 18.73 ug/ml



#4 n-Dodecane (C12)

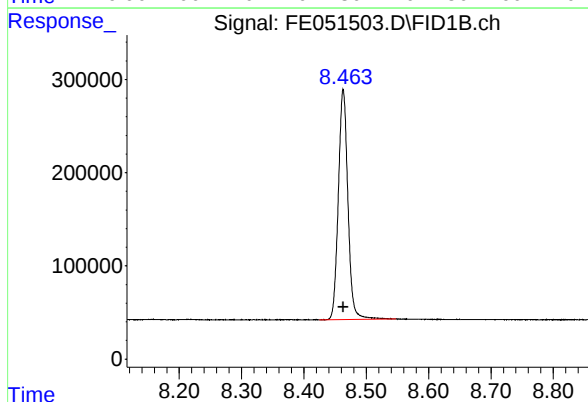
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 2691293
Conc: 18.91 ug/ml



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

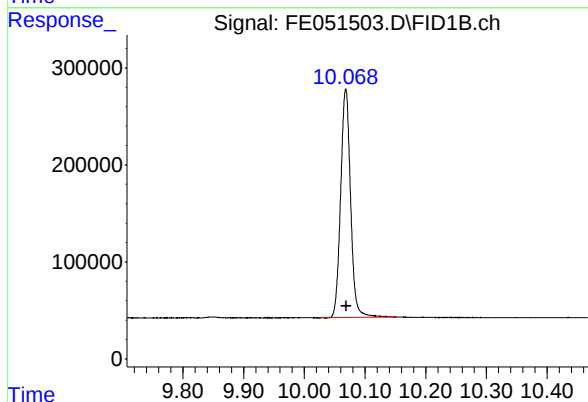
R.T.: 7.281 min
Delta R.T.: -0.011 min
Response: 2222399
Conc: 18.53 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



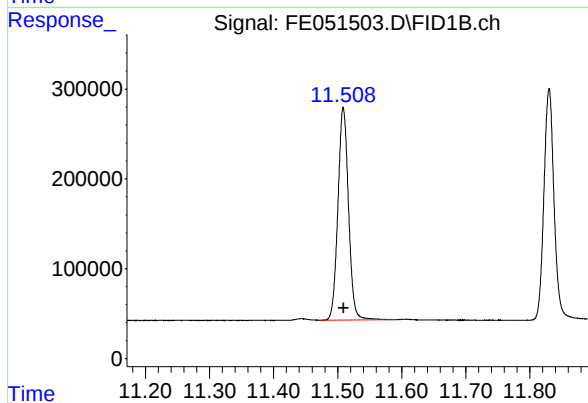
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 2632666
Conc: 18.89 ug/ml



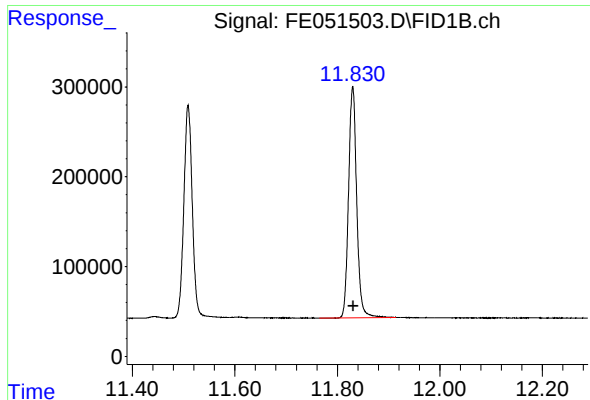
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: 0.000 min
Response: 2674325
Conc: 18.82 ug/ml



#8 n-Octadecane (C18)

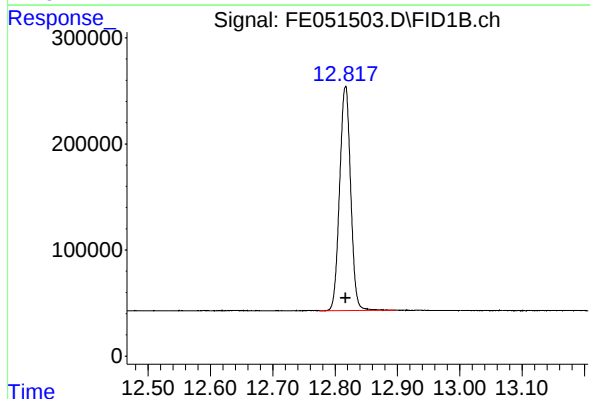
R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 2703471
Conc: 18.81 ug/ml



#9 ortho-Terphenyl (SURR)

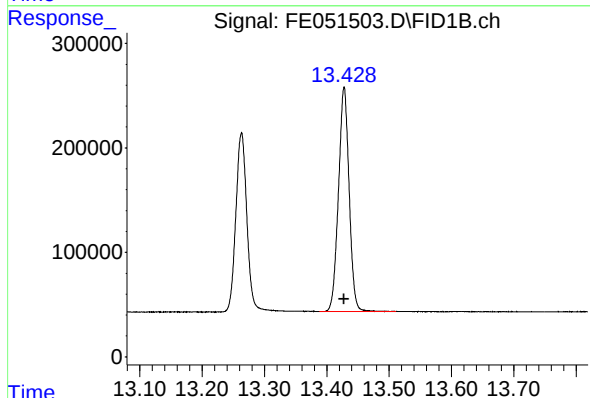
R.T.: 11.830 min
Delta R.T.: -0.001 min
Response: 2838298
Conc: 18.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



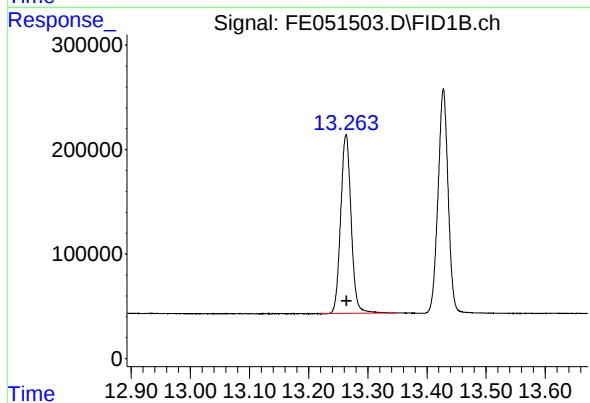
#10 n-Eicosane (C20)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 2598366
Conc: 18.82 ug/ml



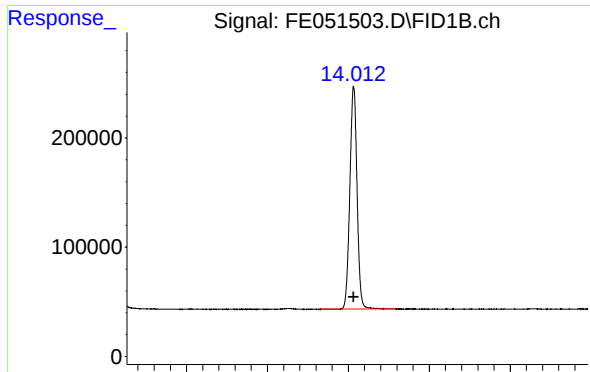
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: 0.000 min
Response: 2550207
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

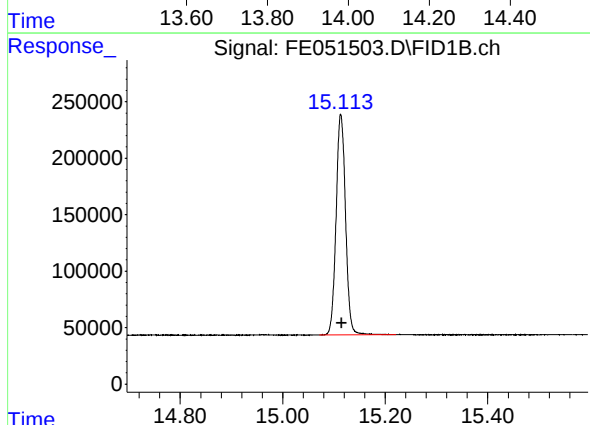
R.T.: 13.263 min
Delta R.T.: -0.001 min
Response: 2106754
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

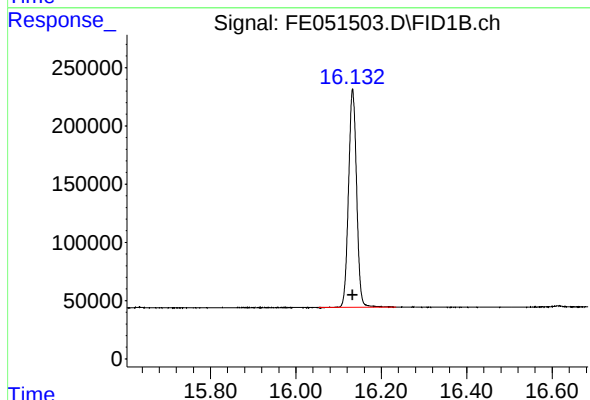
R.T.: 14.013 min
Delta R.T.: 0.000 min
Response: 2530525
Conc: 18.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



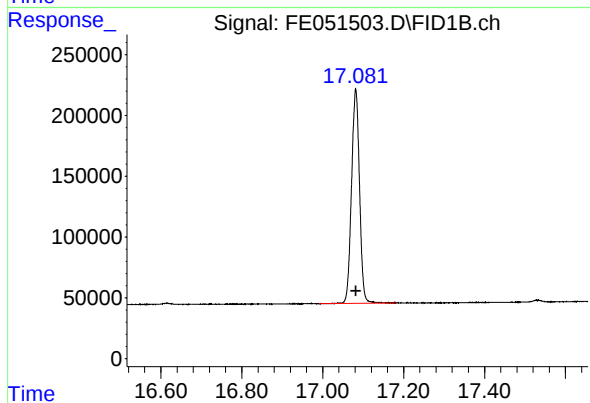
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.001 min
Response: 2500252
Conc: 18.92 ug/ml



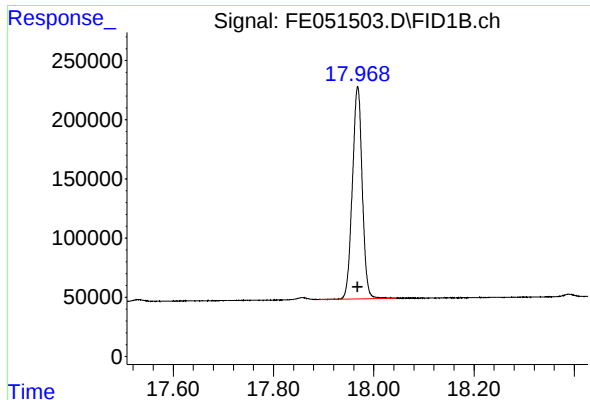
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: 0.000 min
Response: 2464636
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

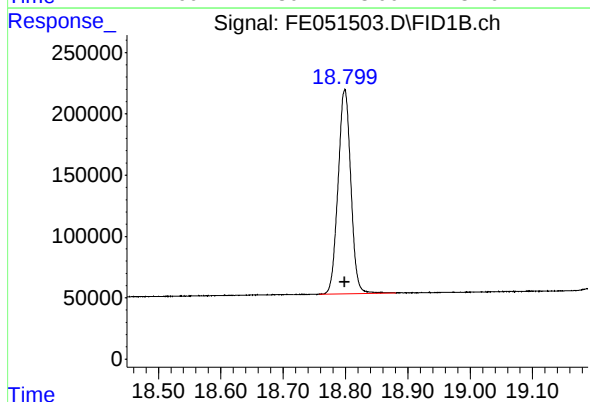
R.T.: 17.081 min
Delta R.T.: 0.000 min
Response: 2415500
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

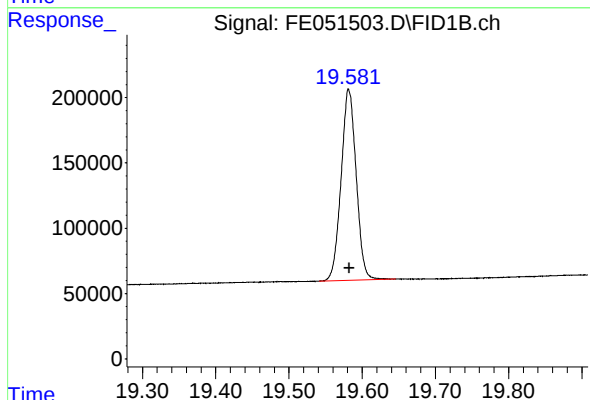
R.T.: 17.968 min
Delta R.T.: 0.000 min
Response: 2443724
Conc: 18.87 ug/ml

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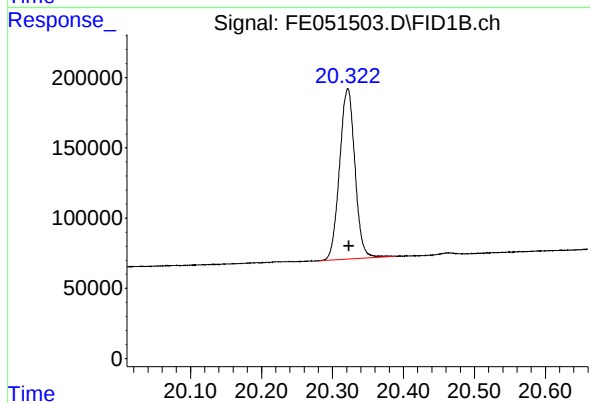
#18 n-Dotriacontane (C32)

R.T.: 18.799 min
Delta R.T.: 0.000 min
Response: 2368180
Conc: 18.92 ug/ml



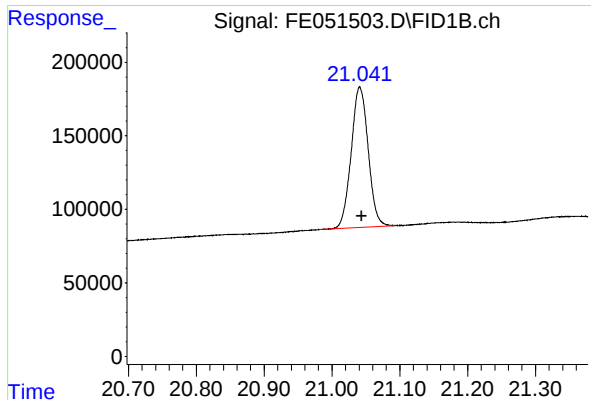
#19 n-Tetratriacontane (C34)

R.T.: 19.582 min
Delta R.T.: 0.000 min
Response: 2095422
Conc: 18.55 ug/ml



#20 n-Hexatriacontane (C36)

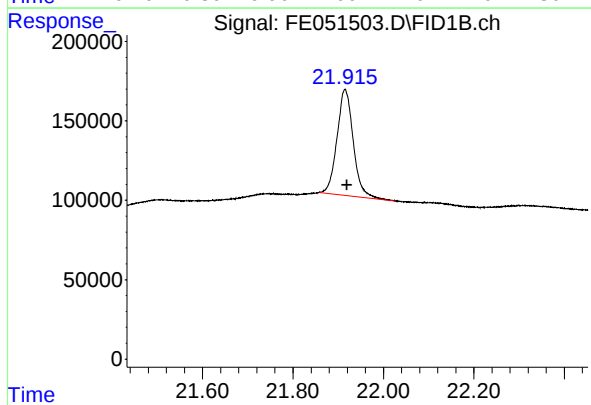
R.T.: 20.321 min
Delta R.T.: -0.002 min
Response: 1830141
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.041 min
Delta R.T.: -0.002 min
Response: 1662531
Conc: 18.26 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: -0.004 min
Response: 1661234
Conc: 18.96 ug/ml