

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AL\
 Data File : FF015204.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 17:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 20 18:27:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 17:08:22 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)	11.923	3199143	20.064 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	13.358	2455358	20.012 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T n-Nonane (C9)	3.318	2700466	20.538 ug/ml
2) T n-Decane (C10)	4.571	2758338	20.522 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3036082	20.486 ug/ml
4) T n-Dodecane (C12)	6.734	2789809	20.442 ug/ml
5) T A~2-methylnaphthalene...	7.364	2946638	20.432 ug/ml
6) T n-Tetradecane (C14)	8.559	2781041	20.280 ug/ml
7) T n-Hexadecane (C16)	10.164	2891834	20.160 ug/ml
8) T n-Octadecane (C18)	11.606	2952451	20.048 ug/ml
10) T n-Eicosane (C20)	12.914	2868201	20.026 ug/ml
11) T n-Heneicosane (C21)	13.525	2833618	20.021 ug/ml
13) T n-Docosane (C22)	14.111	2823301	20.020 ug/ml
14) T n-Tetracosane (C24)	15.212	2818895	19.970 ug/ml
15) T n-Hexacosane (C26)	16.233	2756991	20.002 ug/ml
16) T n-Octacosane (C28)	17.181	2678291	19.920 ug/ml
17) T n-Tricontane (C30)	18.068	2659333	19.624 ug/ml
18) T n-Dotriacontane (C32)	18.899	2511234	19.481 ug/ml
19) T n-Tetratriacontane (C34)	19.682	2178620	19.721 ug/ml
20) T n-Hexatriacontane (C36)	20.420	1853515	20.024 ug/ml
21) T n-Octatriacontane (C38)	21.152	1713991	20.058 ug/ml
22) T n-Tetracontane (C40)	22.061	1544568	19.527 ug/ml

(f)=RT Delta > 1/2 Window

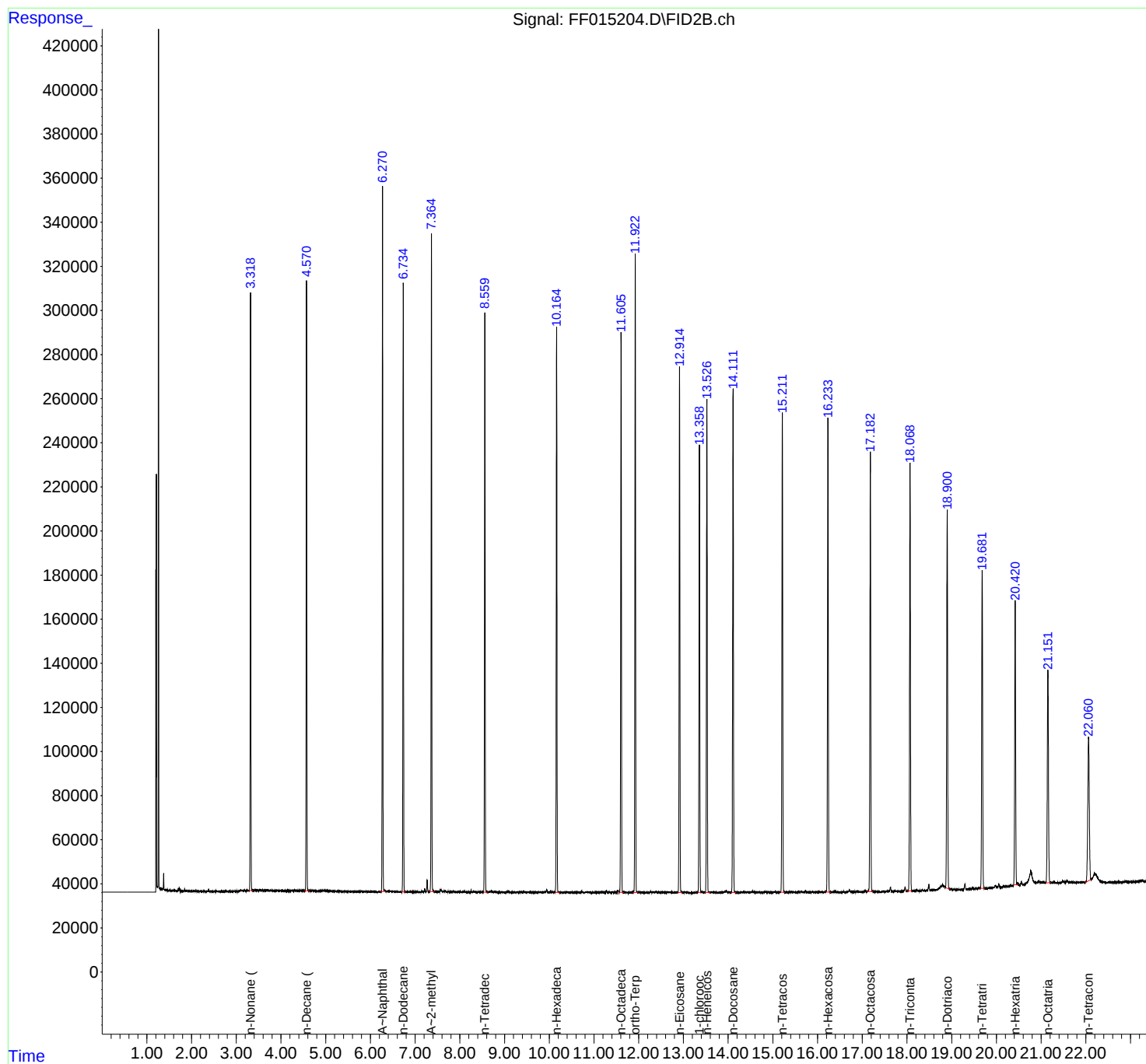
(m)=manual int.

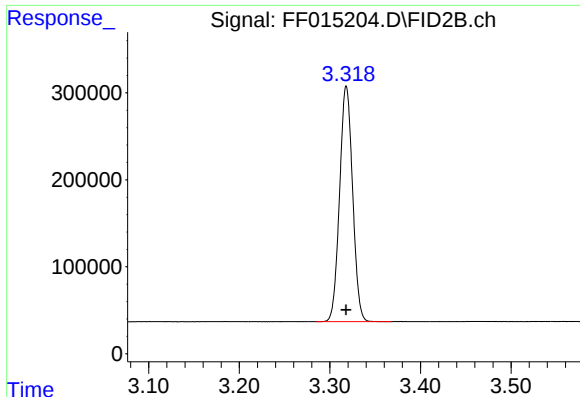
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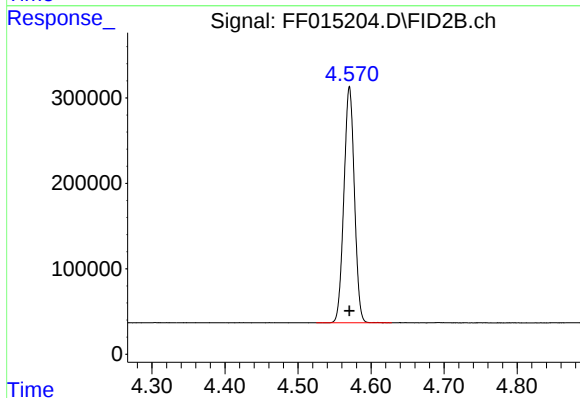




#1 n-Nonane (C9)

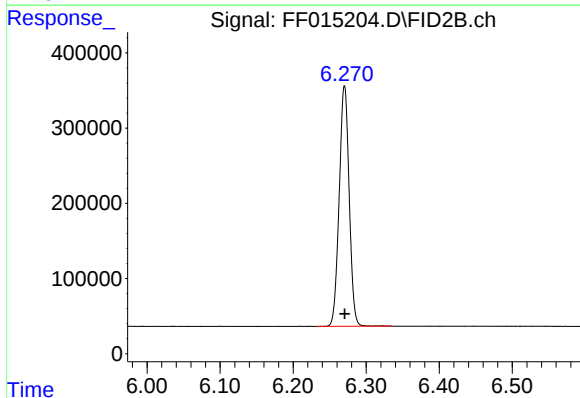
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 2700466
Conc: 20.54 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



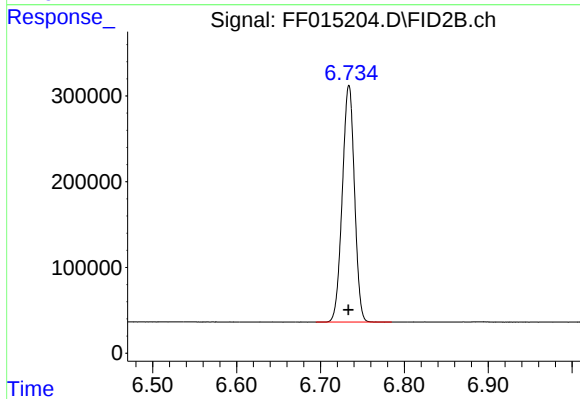
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 2758338
Conc: 20.52 ug/ml



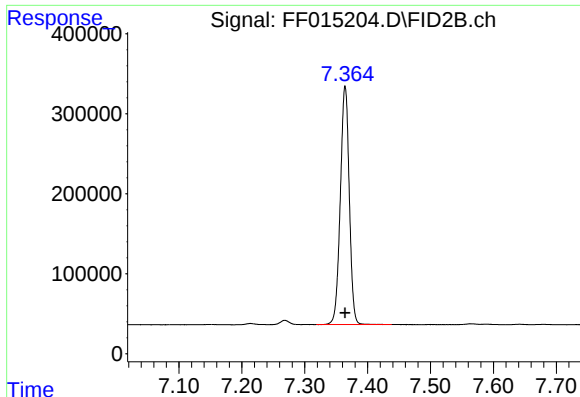
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 3036082
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

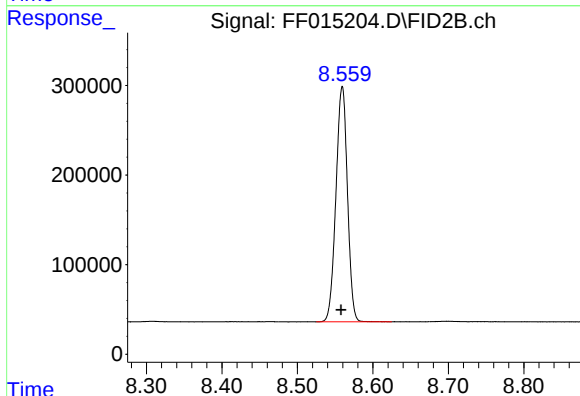
R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 2789809
Conc: 20.44 ug/ml



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

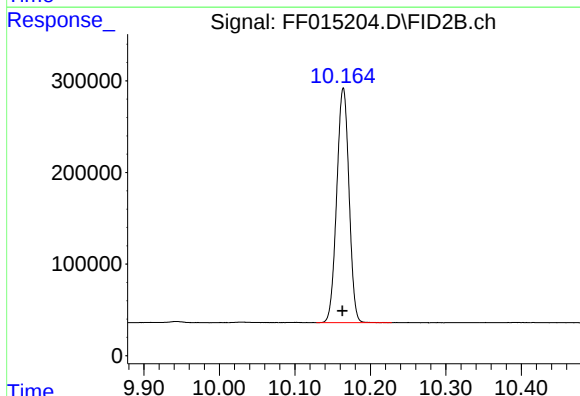
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 2946638
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



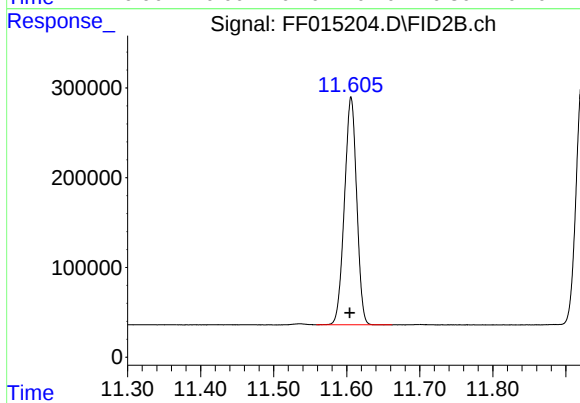
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.001 min
Response: 2781041
Conc: 20.28 ug/ml



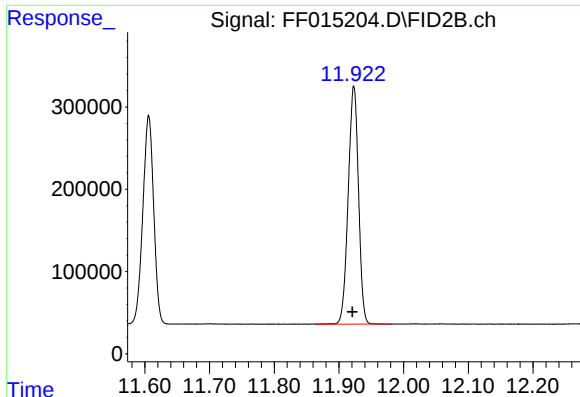
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 2891834
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

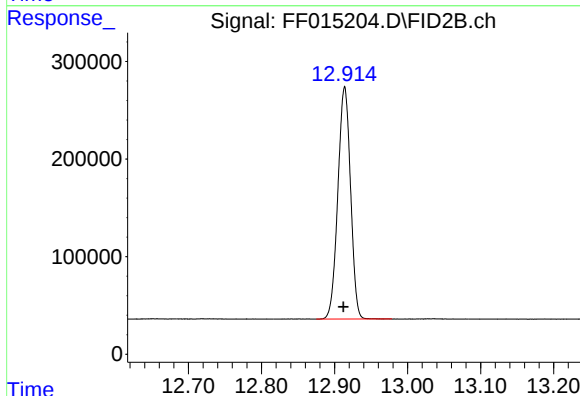
R.T.: 11.606 min
Delta R.T.: 0.002 min
Response: 2952451
Conc: 20.05 ug/ml



#9 ortho-Terphenyl (SURR)

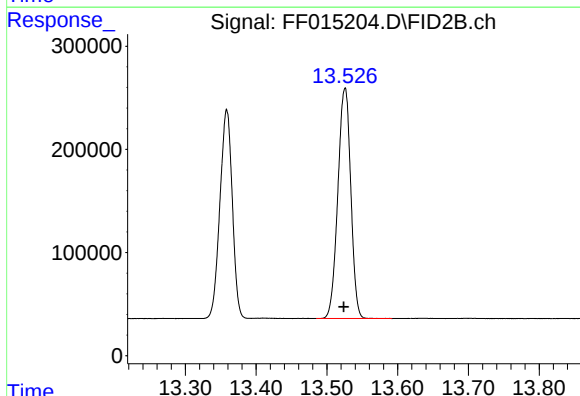
R.T.: 11.923 min
Delta R.T.: 0.002 min
Response: 3199143
Conc: 20.06 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



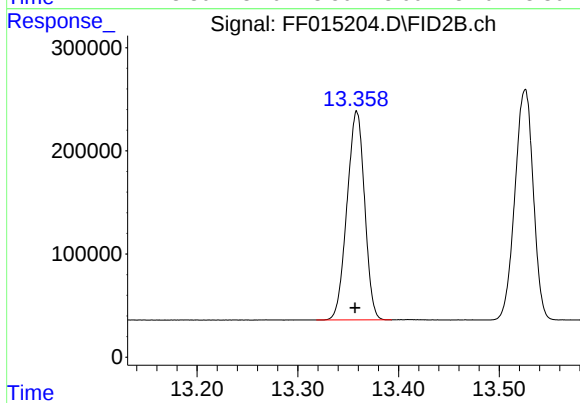
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.002 min
Response: 2868201
Conc: 20.03 ug/ml



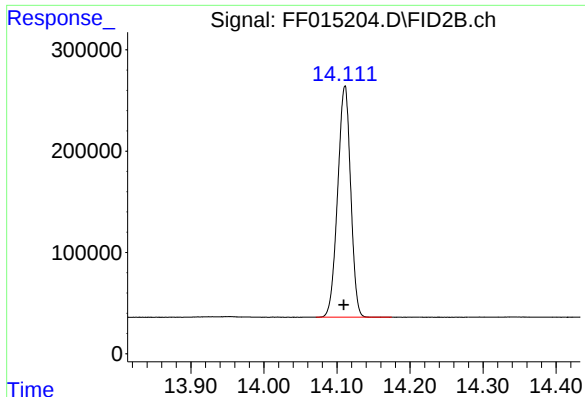
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.002 min
Response: 2833618
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

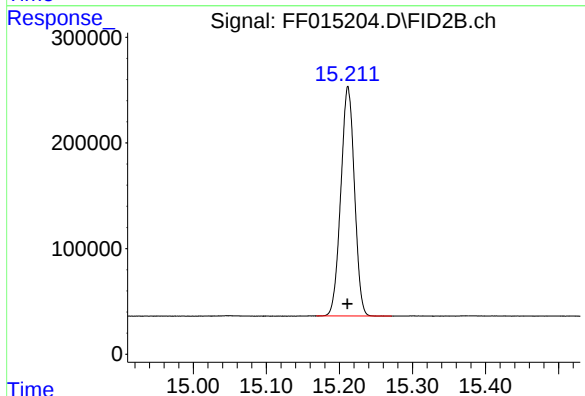
R.T.: 13.358 min
Delta R.T.: 0.002 min
Response: 2455358
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

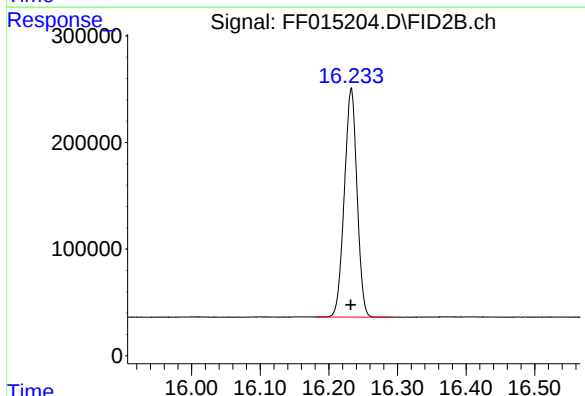
R.T.: 14.111 min
Delta R.T.: 0.001 min
Response: 2823301
Conc: 20.02 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



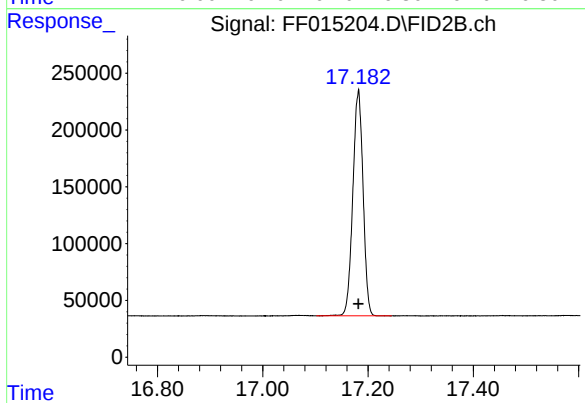
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 2818895
Conc: 19.97 ug/ml



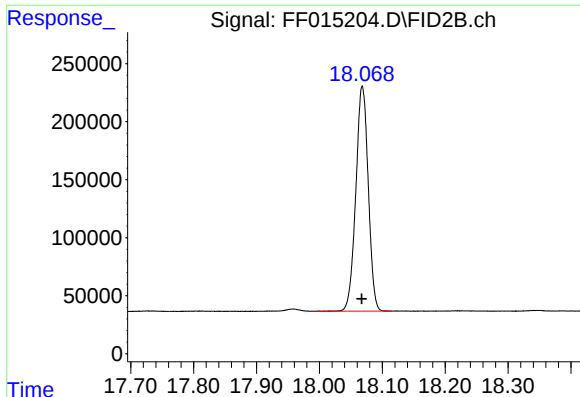
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 2756991
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

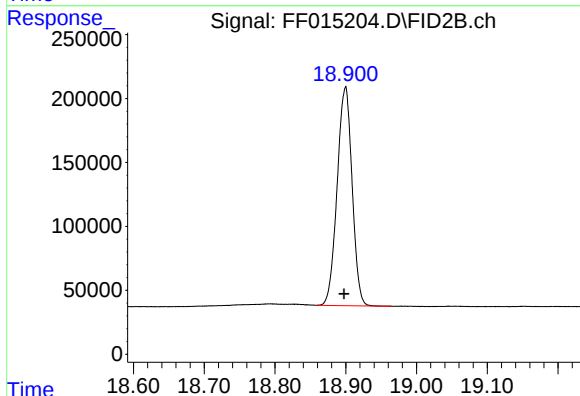
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 2678291
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

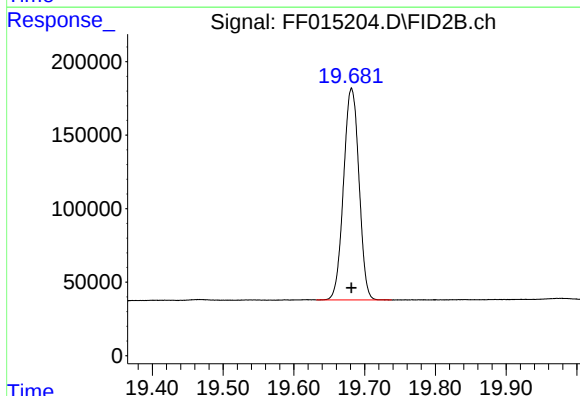
R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2659333
Conc: 19.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



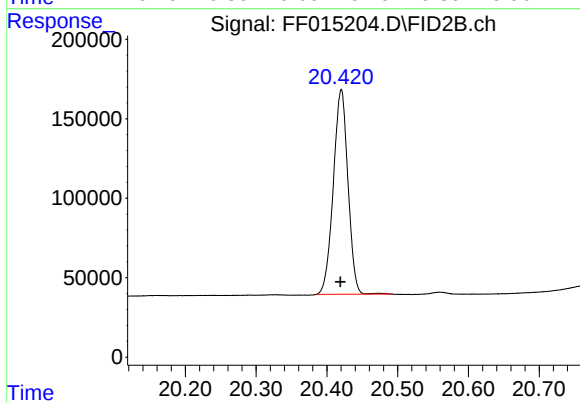
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: 0.001 min
Response: 2511234
Conc: 19.48 ug/ml



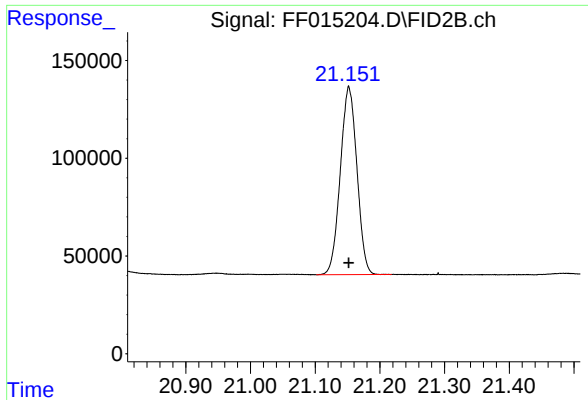
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: 0.000 min
Response: 2178620
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

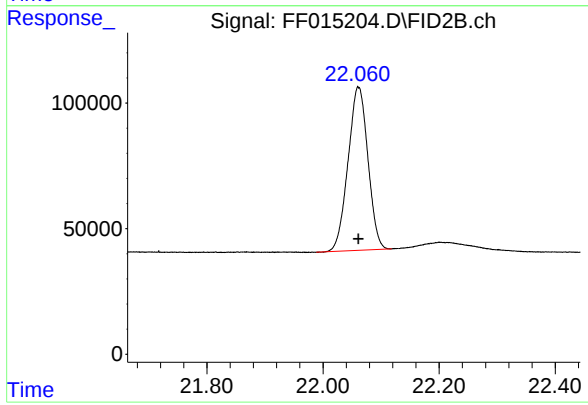
R.T.: 20.420 min
Delta R.T.: 0.001 min
Response: 1853515
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: 0.000 min
Response: 1713991
Conc: 20.06 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: 0.000 min
Response: 1544568
Conc: 19.53 ug/ml