

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091324AL\
 Data File : FF014510.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 19:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 14 04:23:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 08:07:41 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)	11.799	2905240	20.346 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
12) S 1-chlorooctadecane (S...	13.241	2193717	20.623 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	3.202	2438038	20.553 ug/ml
2) T n-Decane (C10)	4.452	2465373	20.575 ug/ml
3) T A~Naphthalene (C11.7)	6.145	2582482	20.905 ug/ml
4) T n-Dodecane (C12)	6.617	2520706	20.452 ug/ml
5) T A~2-methylnaphthalene...	7.240	2385038	21.351 ug/ml
6) T n-Tetradecane (C14)	8.442	2470499	20.672 ug/ml
7) T n-Hexadecane (C16)	10.047	2529776	20.750 ug/ml
8) T n-Octadecane (C18)	11.489	2616841	20.486 ug/ml
10) T n-Eicosane (C20)	12.799	2585168	20.443 ug/ml
11) T n-Heneicosane (C21)	13.410	2559536	20.475 ug/ml
13) T n-Docosane (C22)	13.995	2543121	20.585 ug/ml
14) T n-Tetracosane (C24)	15.098	2542665	20.789 ug/ml
15) T n-Hexacosane (C26)	16.118	2502825	20.905 ug/ml
16) T n-Octacosane (C28)	17.067	2446067	21.070 ug/ml
17) T n-Tricontane (C30)	17.953	2463310	21.024 ug/ml
18) T n-Dotriacontane (C32)	18.784	2359875	21.243 ug/ml
19) T n-Tetratriacontane (C34)	19.566	2044266	21.279 ug/ml
20) T n-Hexatriacontane (C36)	20.305	1717152	21.149 ug/ml
21) T n-Octatriacontane (C38)	21.023	1516835	20.804 ug/ml
22) T n-Tetracontane (C40)	21.894	1226938	19.496 ug/ml

(f)=RT Delta > 1/2 Window

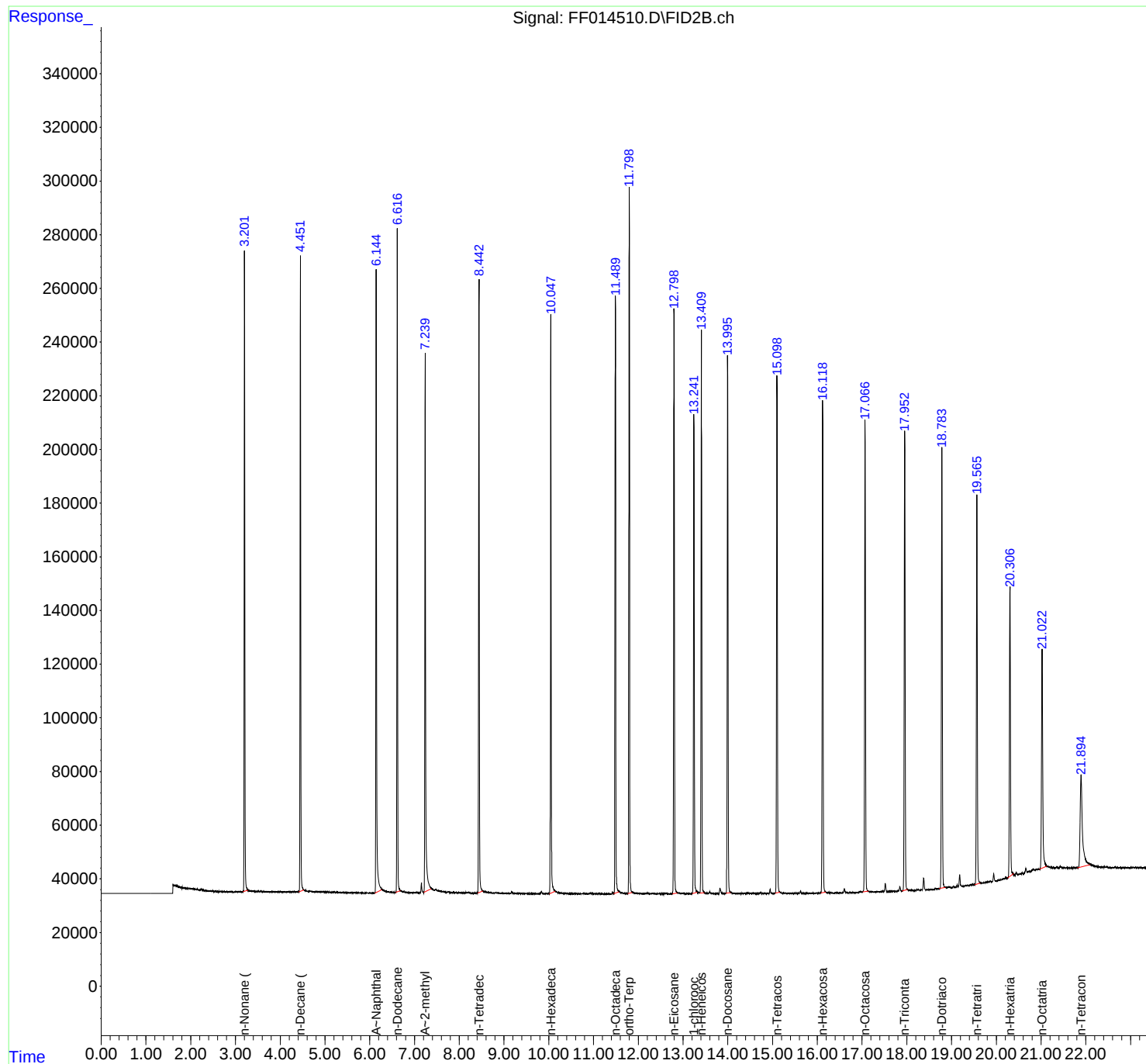
(m)=manual int.

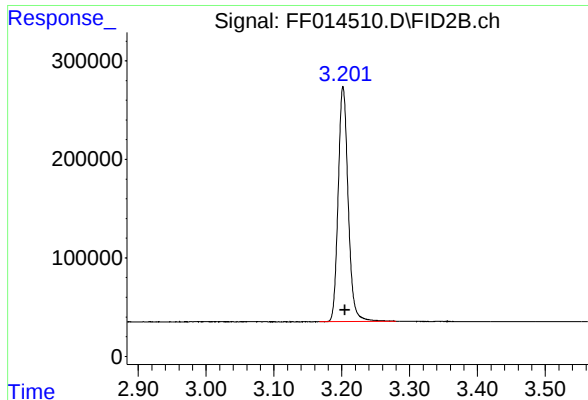
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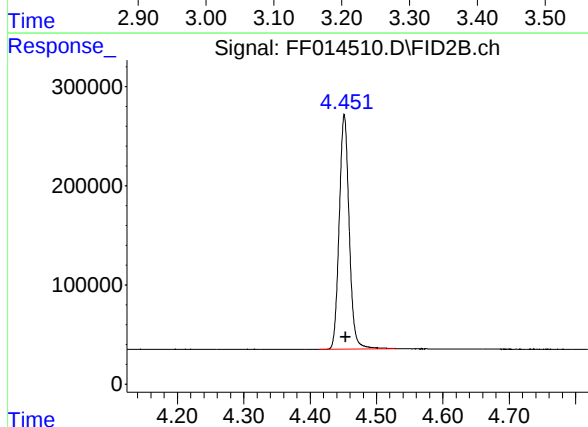




#1 n-Nonane (C9)

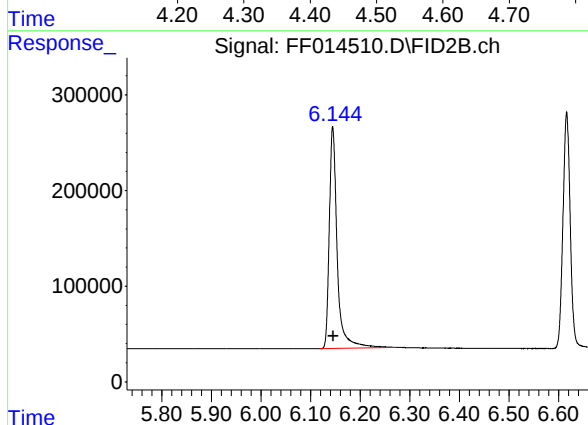
R.T.: 3.202 min
Delta R.T.: -0.003 min
Response: 2438038
Conc: 20.55 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



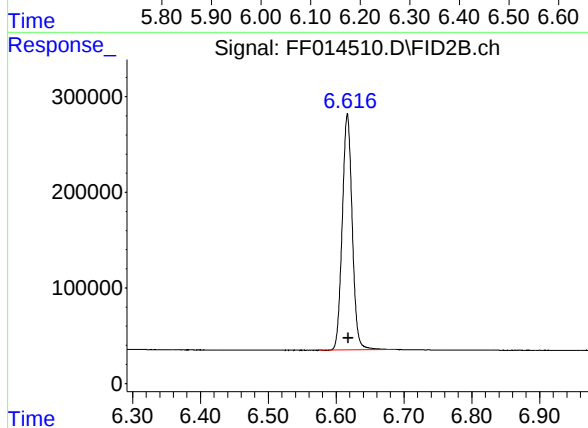
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.002 min
Response: 2465373
Conc: 20.57 ug/ml



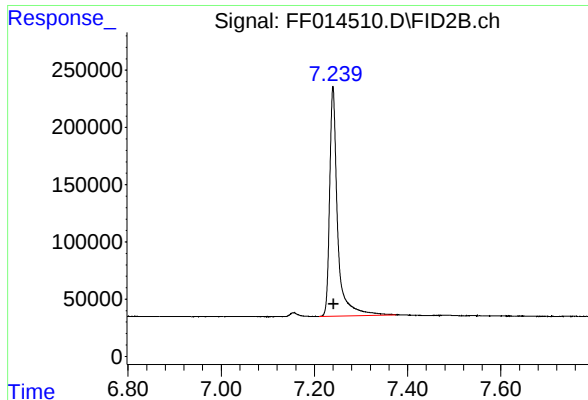
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: -0.001 min
Response: 2582482
Conc: 20.91 ug/ml



#4 n-Dodecane (C12)

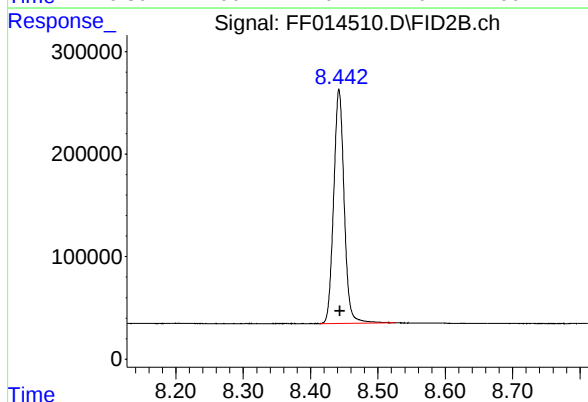
R.T.: 6.617 min
Delta R.T.: -0.001 min
Response: 2520706
Conc: 20.45 ug/ml



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

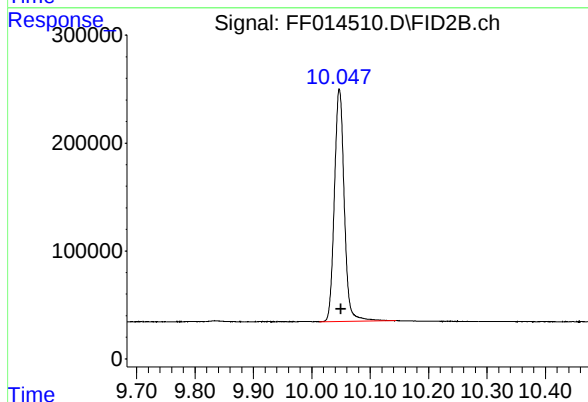
R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 2385038
Conc: 21.35 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



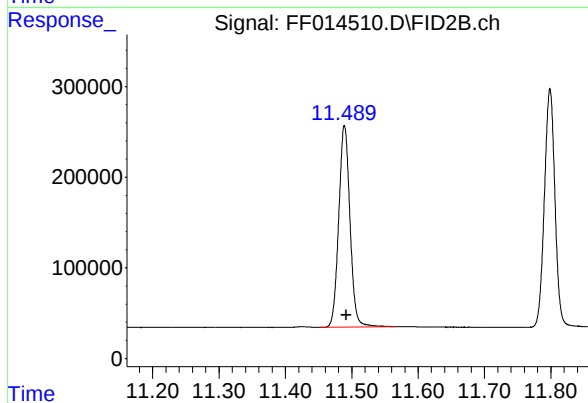
#6 n-Tetradecane (C14)

R.T.: 8.442 min
Delta R.T.: -0.001 min
Response: 2470499
Conc: 20.67 ug/ml



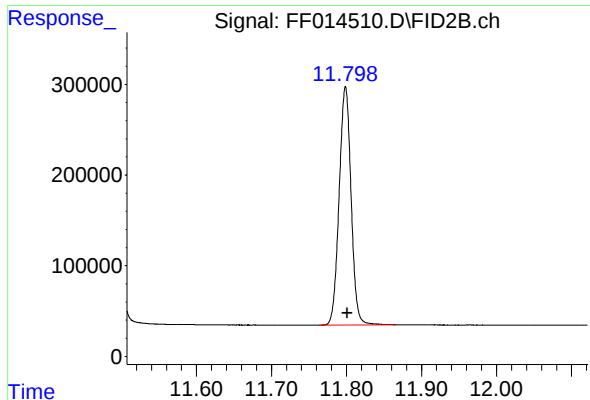
#7 n-Hexadecane (C16)

R.T.: 10.047 min
Delta R.T.: -0.002 min
Response: 2529776
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

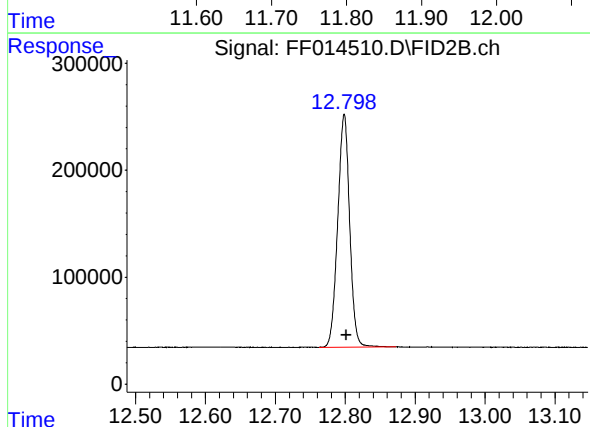
R.T.: 11.489 min
Delta R.T.: -0.003 min
Response: 2616841
Conc: 20.49 ug/ml



#9 ortho-Terphenyl (SURR)

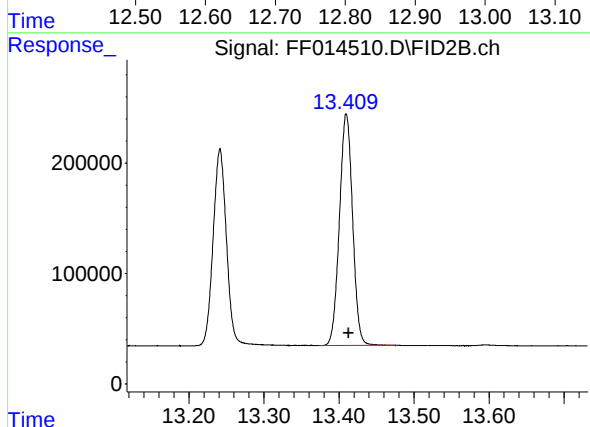
R.T.: 11.799 min
Delta R.T.: -0.002 min
Response: 2905240
Conc: 20.35 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



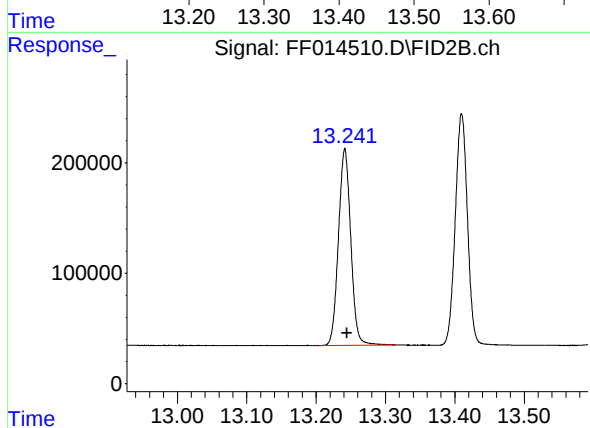
#10 n-Eicosane (C20)

R.T.: 12.799 min
Delta R.T.: -0.003 min
Response: 2585168
Conc: 20.44 ug/ml



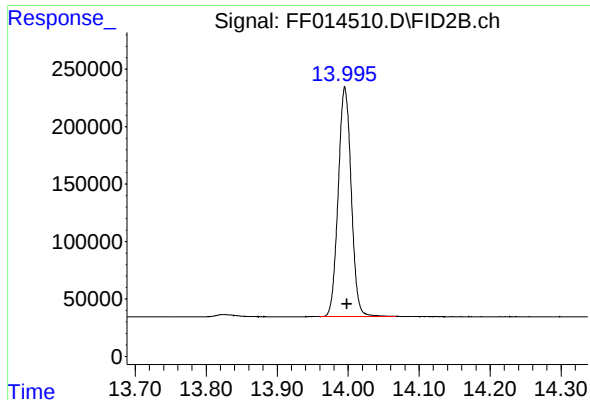
#11 n-Heneicosane (C21)

R.T.: 13.410 min
Delta R.T.: -0.003 min
Response: 2559536
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

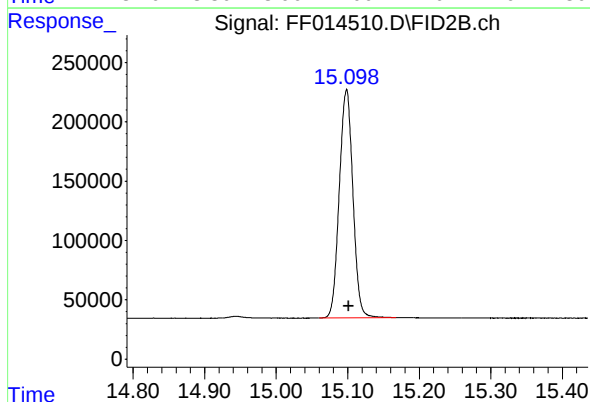
R.T.: 13.241 min
Delta R.T.: -0.003 min
Response: 2193717
Conc: 20.62 ug/ml



#13 n-Docosane (C22)

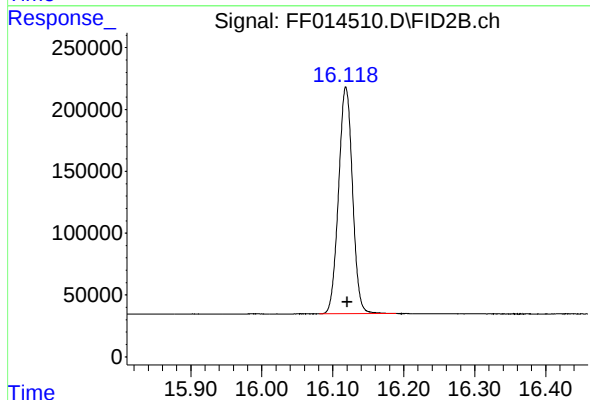
R.T.: 13.995 min
Delta R.T.: -0.003 min
Response: 2543121
Conc: 20.59 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



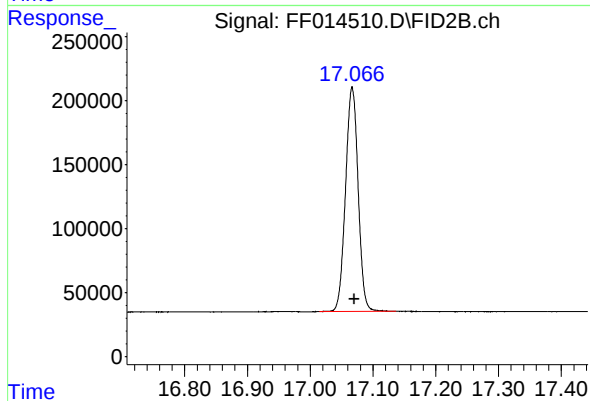
#14 n-Tetracosane (C24)

R.T.: 15.098 min
Delta R.T.: -0.002 min
Response: 2542665
Conc: 20.79 ug/ml



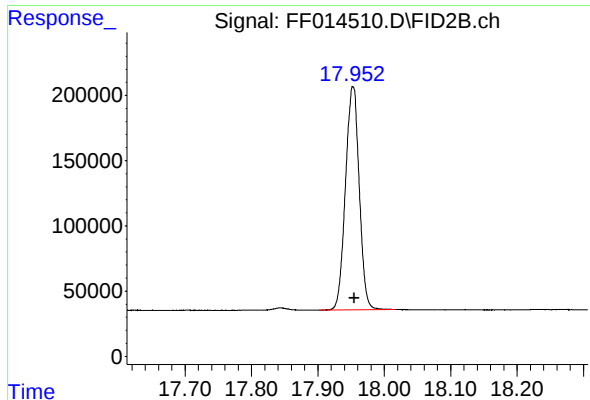
#15 n-Hexacosane (C26)

R.T.: 16.118 min
Delta R.T.: -0.002 min
Response: 2502825
Conc: 20.91 ug/ml



#16 n-Octacosane (C28)

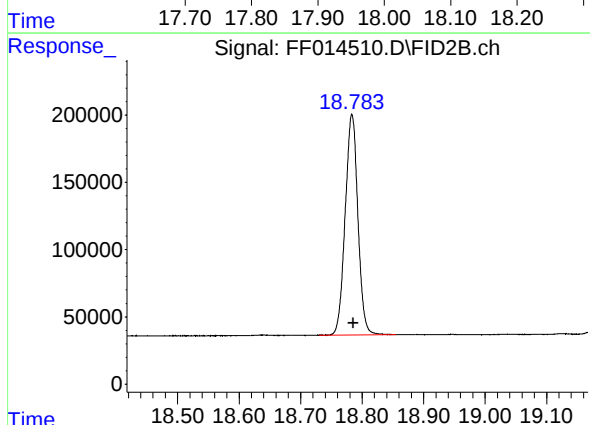
R.T.: 17.067 min
Delta R.T.: -0.003 min
Response: 2446067
Conc: 21.07 ug/ml



#17 n-Tricontane (C30)

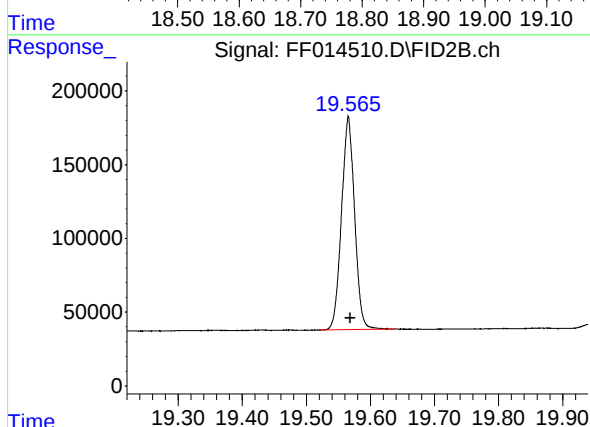
R.T.: 17.953 min
Delta R.T.: -0.002 min
Response: 2463310
Conc: 21.02 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



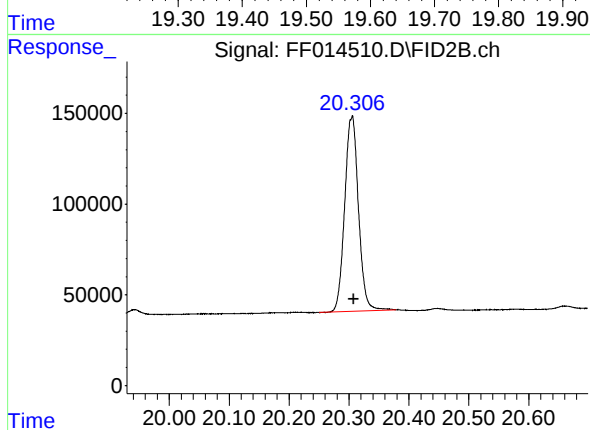
#18 n-Dotriacontane (C32)

R.T.: 18.784 min
Delta R.T.: -0.002 min
Response: 2359875
Conc: 21.24 ug/ml



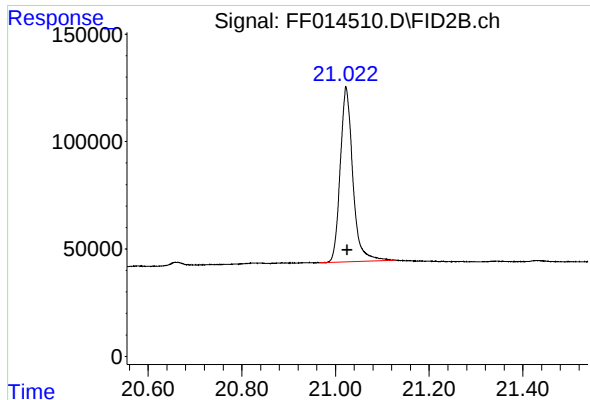
#19 n-Tetratriacontane (C34)

R.T.: 19.566 min
Delta R.T.: -0.003 min
Response: 2044266
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

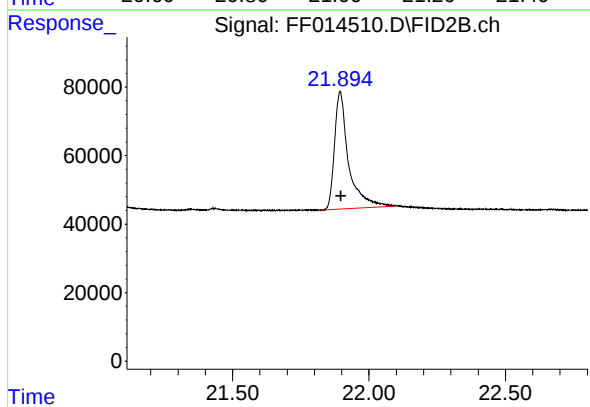
R.T.: 20.305 min
Delta R.T.: -0.003 min
Response: 1717152
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.023 min
Delta R.T.: -0.003 min
Response: 1516835
Conc: 20.80 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.894 min
Delta R.T.: -0.003 min
Response: 1226938
Conc: 19.50 ug/ml