

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050322AL\
 Data File : FF010511.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2022 06:02
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 04 06:39:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:18:42 2022
 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)	10.851	2733531	19.855 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	12.288	2157586	19.839 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	2.715	2390699	20.202 ug/ml
2) T n-Decane (C10)	3.722	2376995	20.242 ug/ml
3) T A~Naphthalene (C11.7)	5.280	2665549	20.105 ug/ml
4) T n-Dodecane (C12)	5.707	2429411	20.230 ug/ml
5) T A~2-methylnaphthalene...	6.327	2709766	20.219 ug/ml
6) T n-Tetradecane (C14)	7.498	2455070	20.345 ug/ml
7) T n-Hexadecane (C16)	9.096	2493567	20.268 ug/ml
8) T n-Octadecane (C18)	10.537	2521237	20.091 ug/ml
10) T n-Eicosane (C20)	11.844	2507384	19.989 ug/ml
11) T n-Heneicosane (C21)	12.455	2499043	19.852 ug/ml
13) T n-Docosane (C22)	13.041	2493793	19.936 ug/ml
14) T n-Tetracosane (C24)	14.144	2470875	20.072 ug/ml
15) T n-Hexacosane (C26)	15.163	2396940	20.145 ug/ml
16) T n-Octacosane (C28)	16.111	2327839	20.396 ug/ml
17) T n-Tricontane (C30)	16.997	2234694	20.493 ug/ml
18) T n-Dotriacontane (C32)	17.828	2078158	20.283 ug/ml
19) T n-Tetratriacontane (C34)	18.610	1878525	20.356 ug/ml
20) T n-Hexatriacontane (C36)	19.347	1692339	20.281 ug/ml
21) T n-Octatriacontane (C38)	20.066	1516130	20.367 ug/ml
22) T n-Tetracontane (C40)	20.938	1478601	19.779 ug/ml

(f)=RT Delta > 1/2 Window

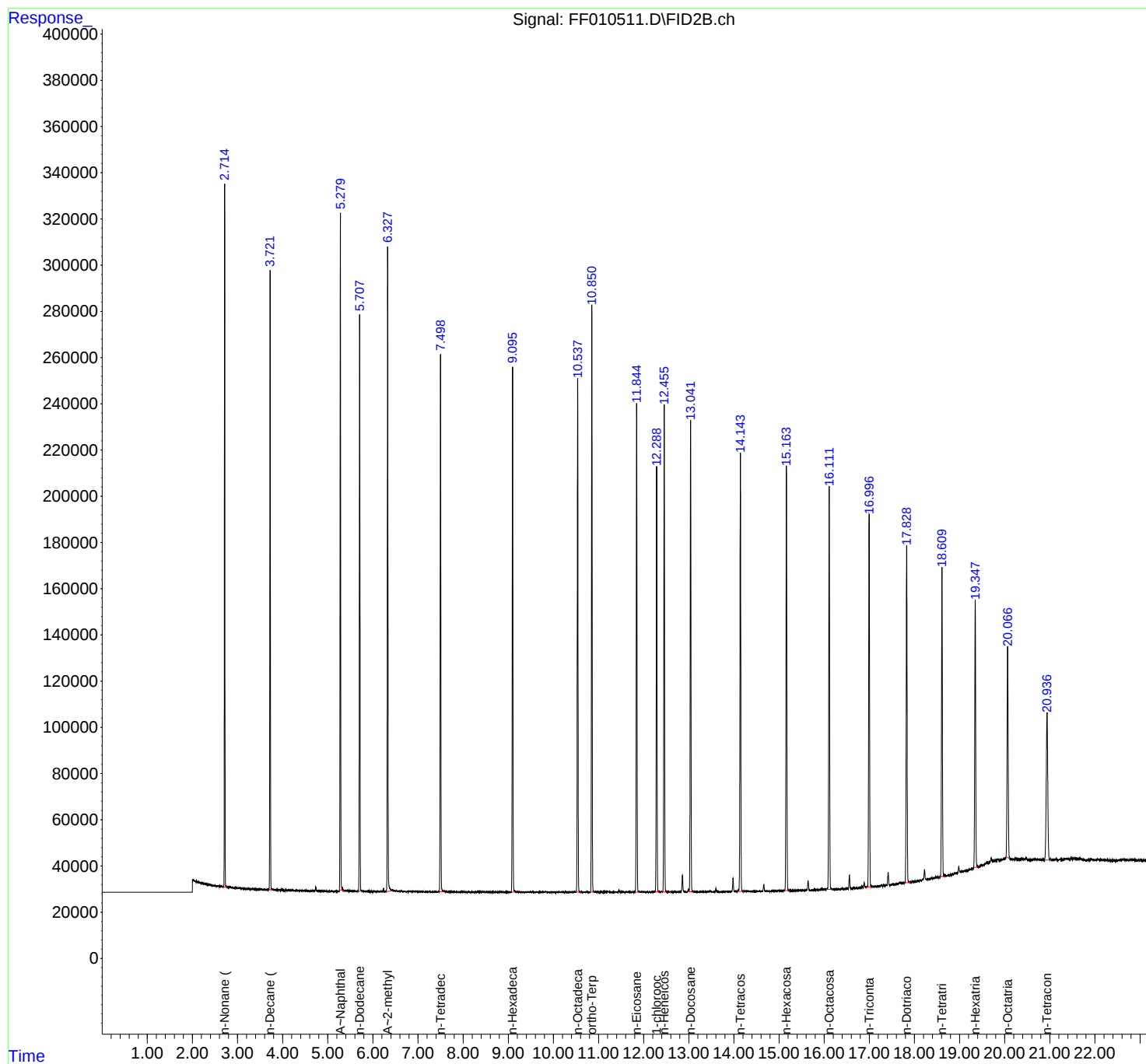
(m)=manual int.

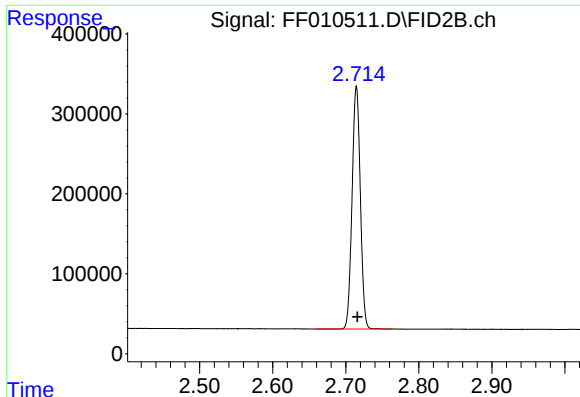
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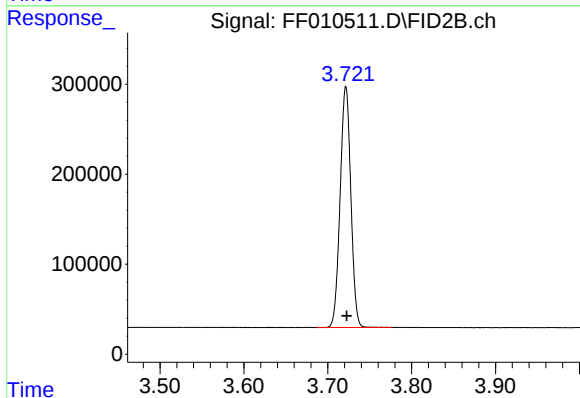




#1 n-Nonane (C9)

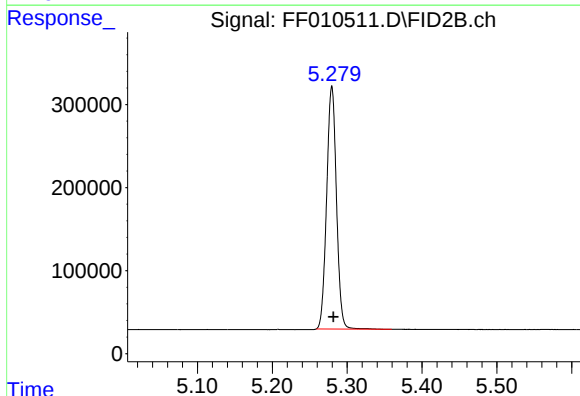
R.T.: 2.715 min
Delta R.T.: -0.001 min
Response: 2390699
Conc: 20.20 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



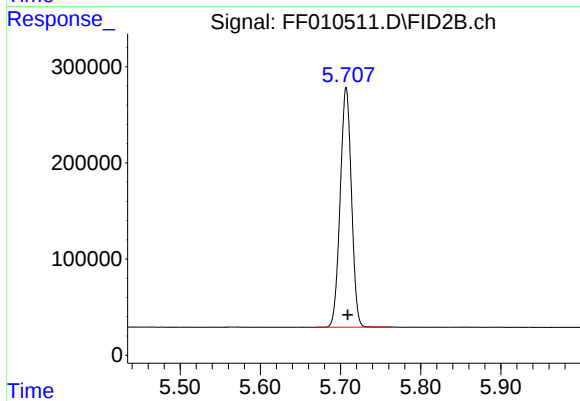
#2 n-Decane (C10)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2376995
Conc: 20.24 ug/ml



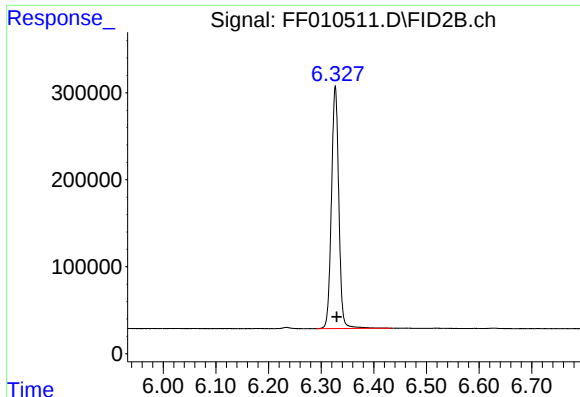
#3 A~Naphthalene (C11.7)

R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 2665549
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

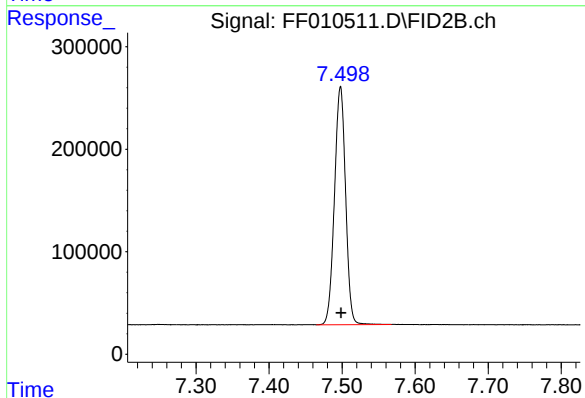
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 2429411
Conc: 20.23 ug/ml



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

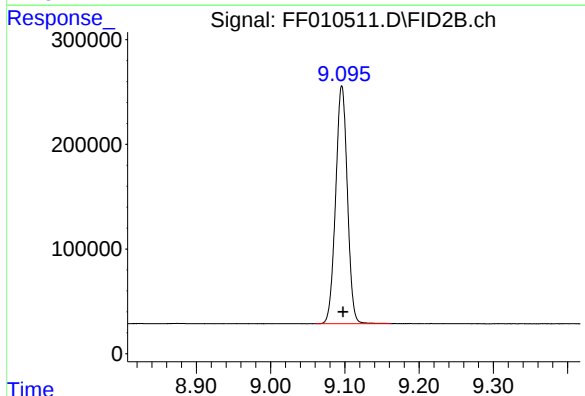
R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 2709766
Conc: 20.22 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



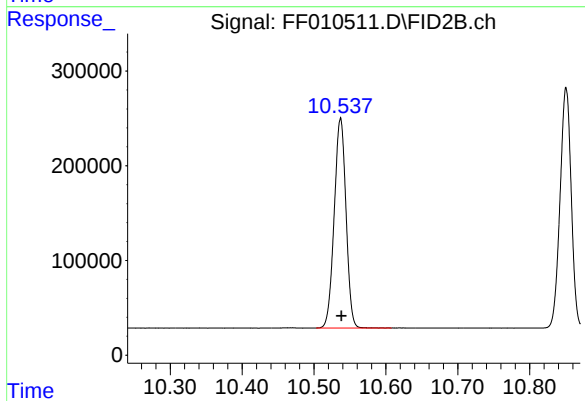
#6 n-Tetradecane (C14)

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 2455070
Conc: 20.34 ug/ml



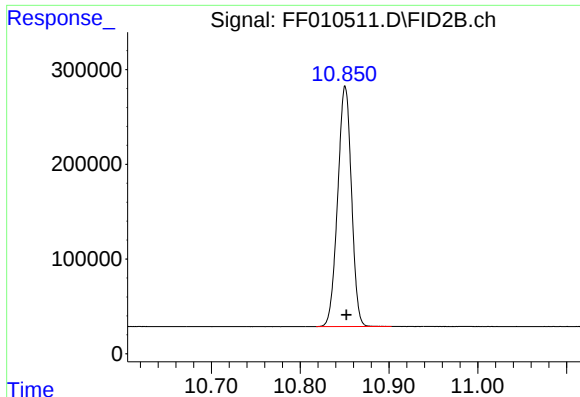
#7 n-Hexadecane (C16)

R.T.: 9.096 min
Delta R.T.: -0.002 min
Response: 2493567
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

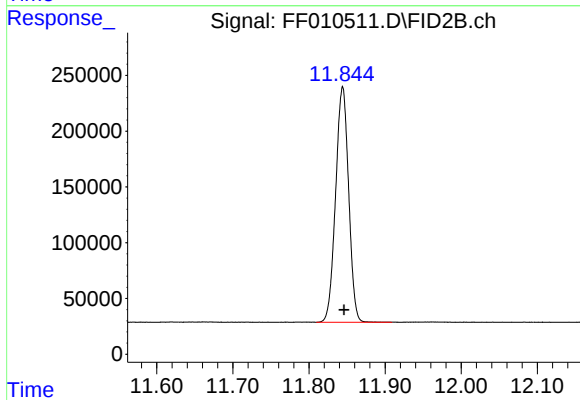
R.T.: 10.537 min
Delta R.T.: 0.000 min
Response: 2521237
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

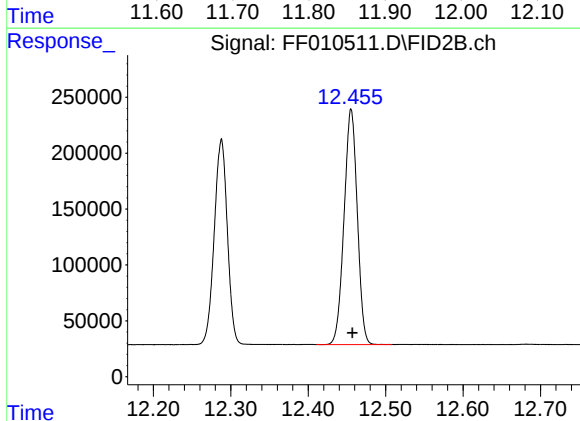
R.T.: 10.851 min
Delta R.T.: -0.001 min
Response: 2733531
Conc: 19.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



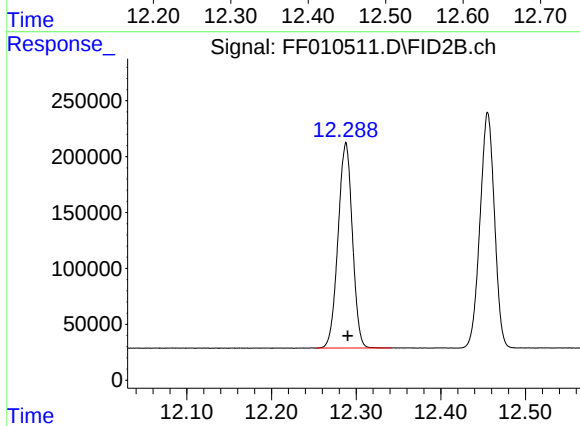
#10 n-Eicosane (C20)

R.T.: 11.844 min
Delta R.T.: -0.002 min
Response: 2507384
Conc: 19.99 ug/ml



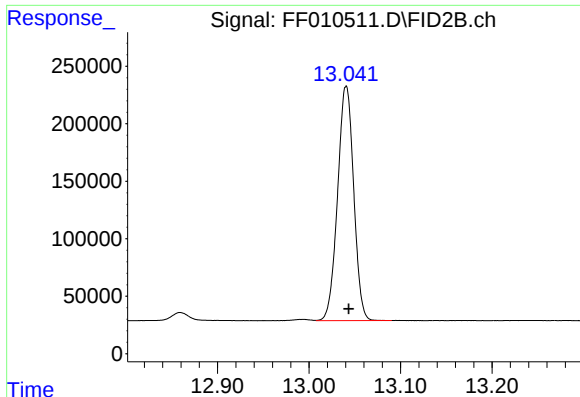
#11 n-Heneicosane (C21)

R.T.: 12.455 min
Delta R.T.: -0.002 min
Response: 2499043
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

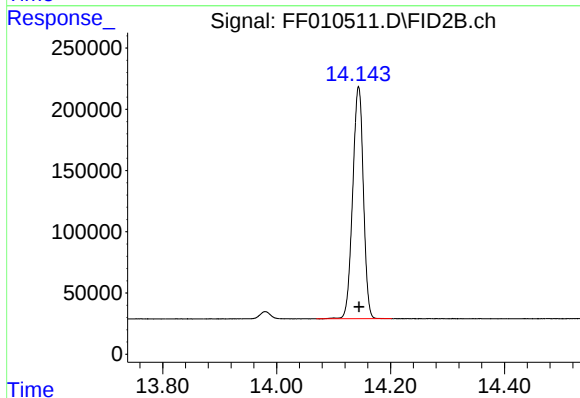
R.T.: 12.288 min
Delta R.T.: -0.002 min
Response: 2157586
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

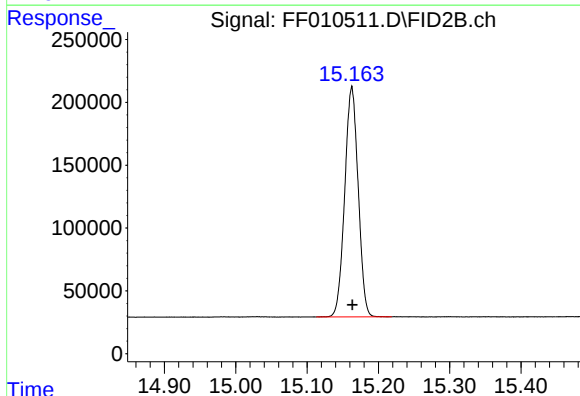
R.T.: 13.041 min
Delta R.T.: -0.003 min
Response: 2493793
Conc: 19.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



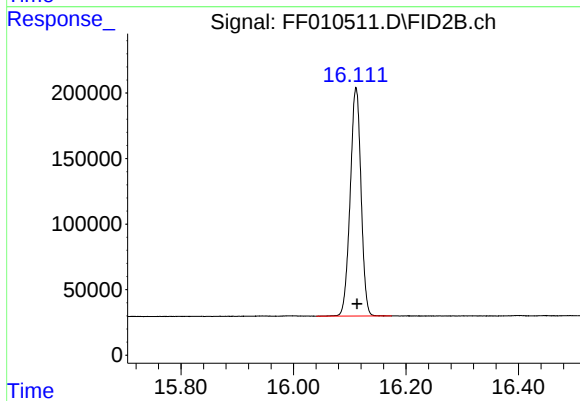
#14 n-Tetracosane (C24)

R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 2470875
Conc: 20.07 ug/ml



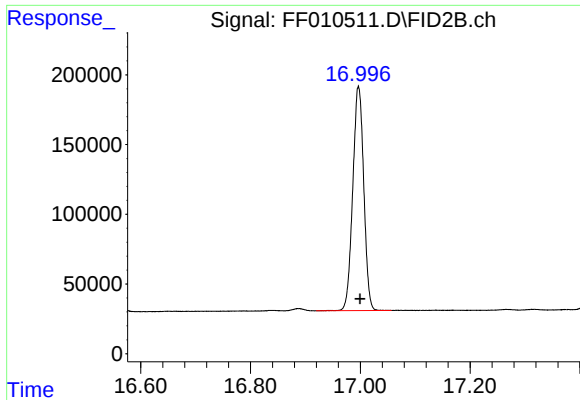
#15 n-Hexacosane (C26)

R.T.: 15.163 min
Delta R.T.: 0.000 min
Response: 2396940
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

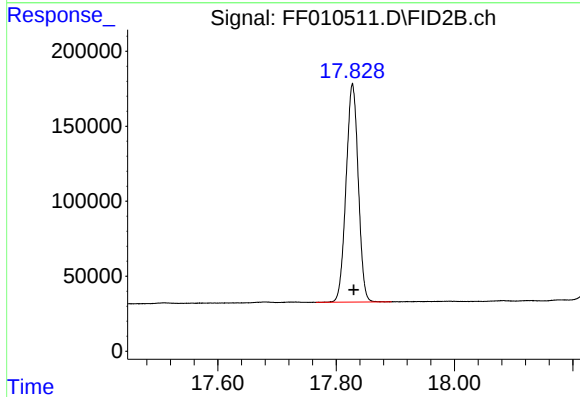
R.T.: 16.111 min
Delta R.T.: -0.002 min
Response: 2327839
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

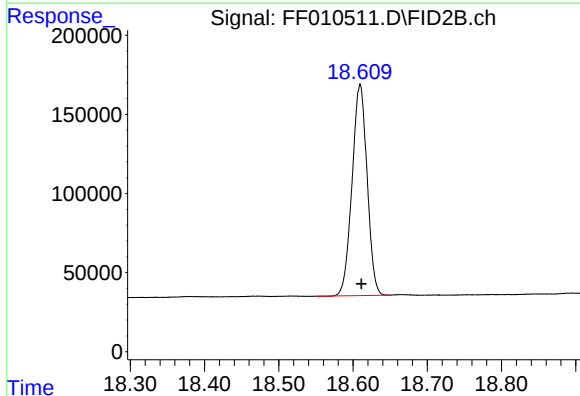
R.T.: 16.997 min
Delta R.T.: -0.003 min
Response: 2234694
Conc: 20.49 ug/ml

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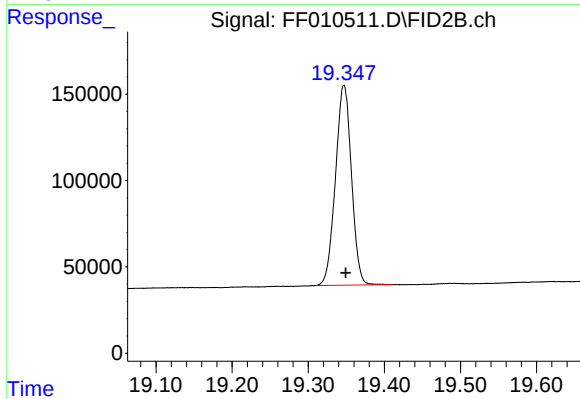
#18 n-Dotriacontane (C32)

R.T.: 17.828 min
Delta R.T.: -0.002 min
Response: 2078158
Conc: 20.28 ug/ml



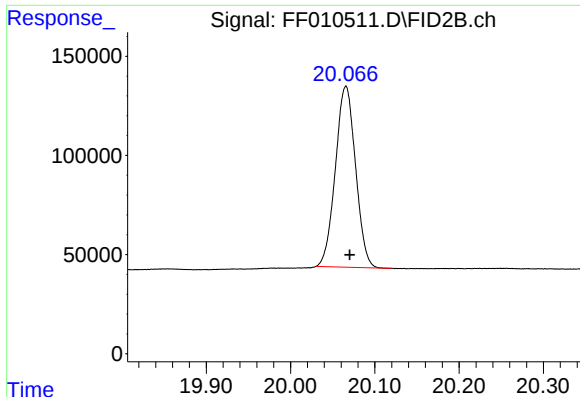
#19 n-Tetratriacontane (C34)

R.T.: 18.610 min
Delta R.T.: -0.002 min
Response: 1878525
Conc: 20.36 ug/ml



#20 n-Hexatriacontane (C36)

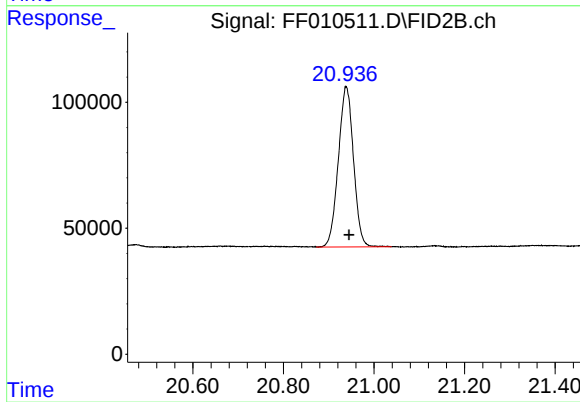
R.T.: 19.347 min
Delta R.T.: -0.003 min
Response: 1692339
Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.066 min
Delta R.T.: -0.005 min
Response: 1516130
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.938 min
Delta R.T.: -0.007 min
Response: 1478601
Conc: 19.78 ug/ml