

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050322AL\
 Data File : FF010483.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2022 14:48
 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 01:42:32 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)	10.854	2746654	19.951 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	12.290	2173502	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T n-Nonane (C9)	2.716	2344828	19.815 ug/ml
2) T n-Decane (C10)	3.723	2323394	19.785 ug/ml
3) T A~Naphthalene (C11.7)	5.281	2641716	19.925 ug/ml
4) T n-Dodecane (C12)	5.709	2378100	19.803 ug/ml
5) T A~2-methylnaphthalene...	6.329	2670056	19.923 ug/ml
6) T n-Tetradecane (C14)	7.499	2402007	19.905 ug/ml
7) T n-Hexadecane (C16)	9.098	2446765	19.888 ug/ml
8) T n-Octadecane (C18)	10.538	2504851	19.961 ug/ml
10) T n-Eicosane (C20)	11.846	2507376	19.989 ug/ml
11) T n-Heneicosane (C21)	12.458	2515610	19.984 ug/ml
13) T n-Docosane (C22)	13.043	2501673	19.999 ug/ml
14) T n-Tetracosane (C24)	14.146	2464977	20.024 ug/ml
15) T n-Hexacosane (C26)	15.165	2388239	20.072 ug/ml
16) T n-Octacosane (C28)	16.113	2293487	20.095 ug/ml
17) T n-Tricontane (C30)	16.999	2185502	20.042 ug/ml
18) T n-Dotriacontane (C32)	17.830	2033800	19.850 ug/ml
19) T n-Tetratriacontane (C34)	18.612	1844932	19.992 ug/ml
20) T n-Hexatriacontane (C36)	19.349	1667497	19.983 ug/ml
21) T n-Octatriacontane (C38)	20.069	1501618	20.172 ug/ml
22) T n-Tetracontane (C40)	20.944	1470160	19.666 ug/ml

(f)=RT Delta > 1/2 Window

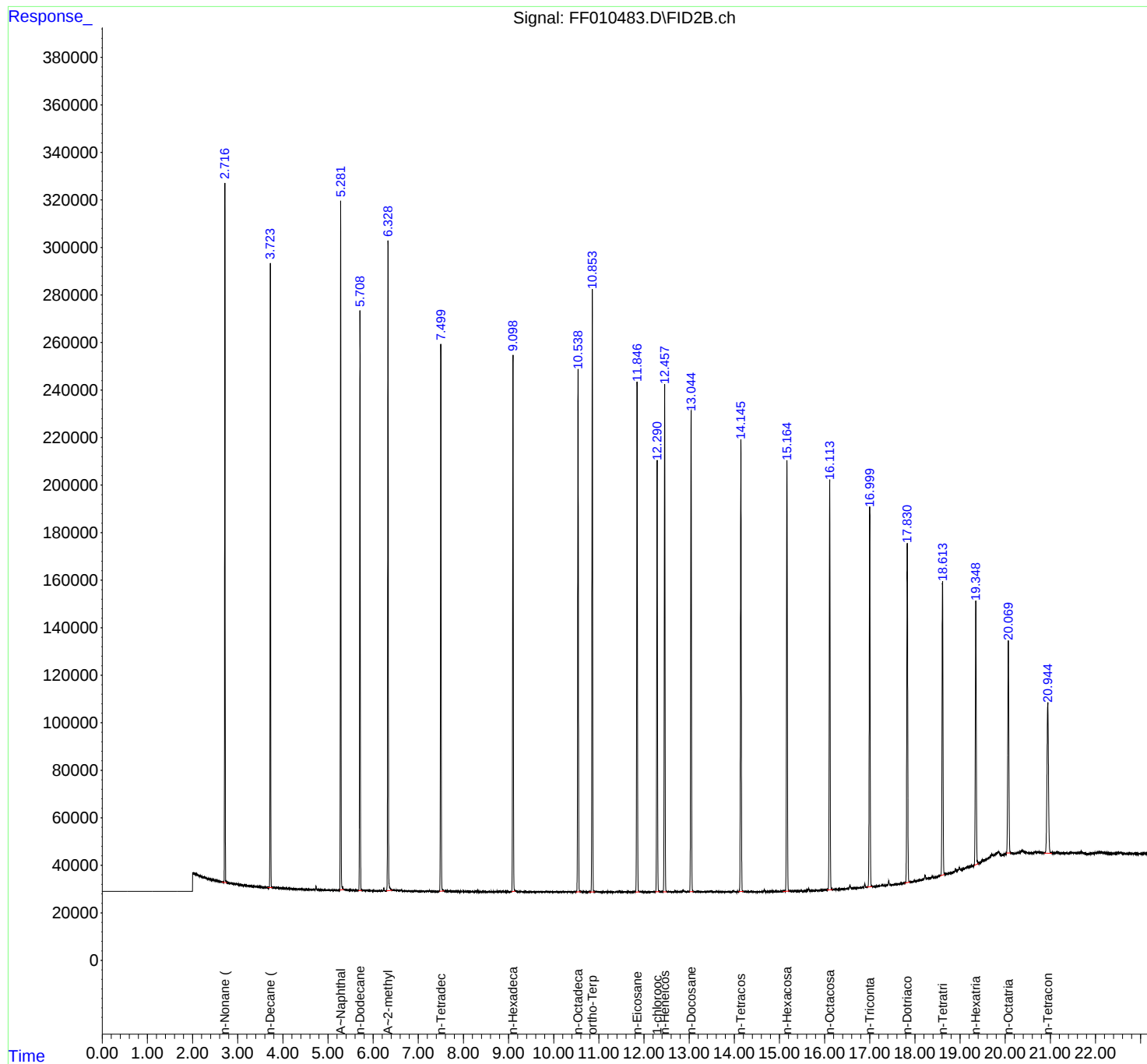
(m)=manual int.

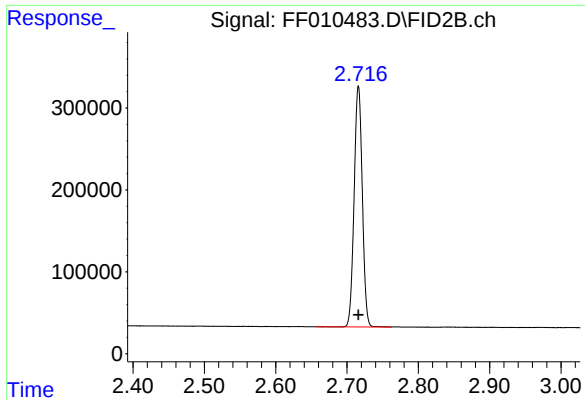
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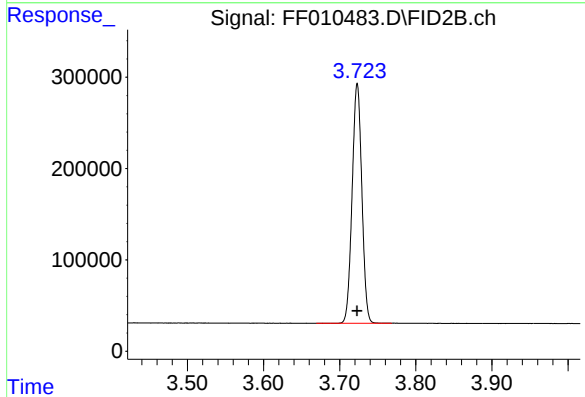




#1 n-Nonane (C9)

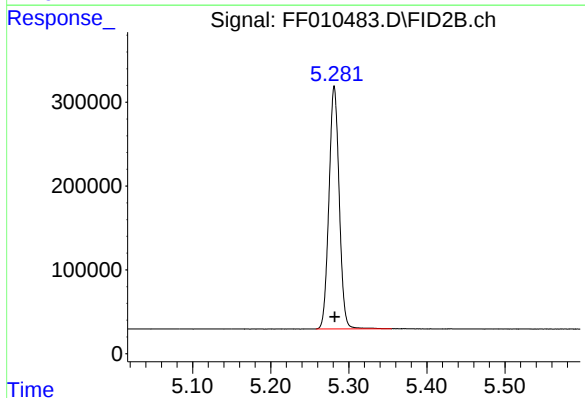
R.T.: 2.716 min
Delta R.T.: 0.000 min
Response: 2344828
Conc: 19.81 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



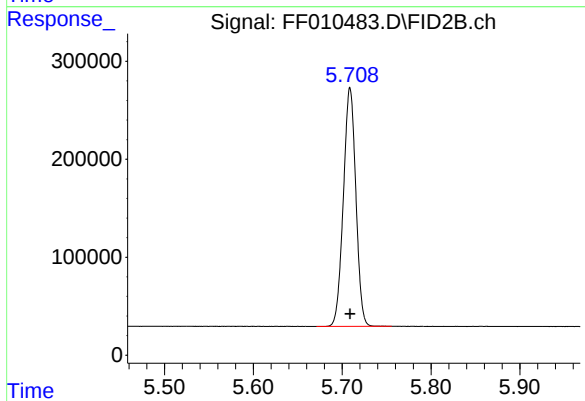
#2 n-Decane (C10)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2323394
Conc: 19.79 ug/ml



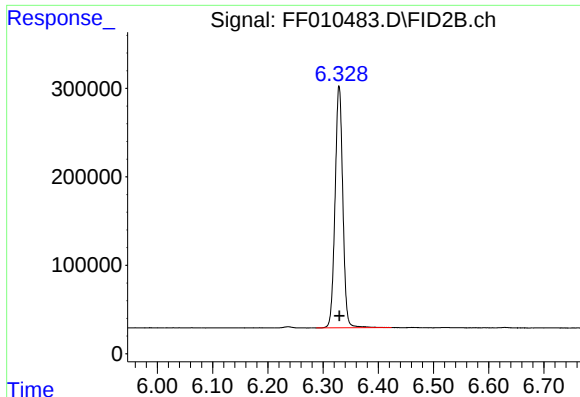
#3 A~Naphthalene (C11.7)

R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 2641716
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

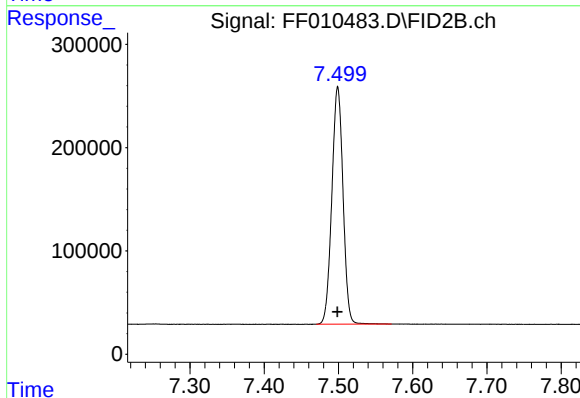
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 2378100
Conc: 19.80 ug/ml



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

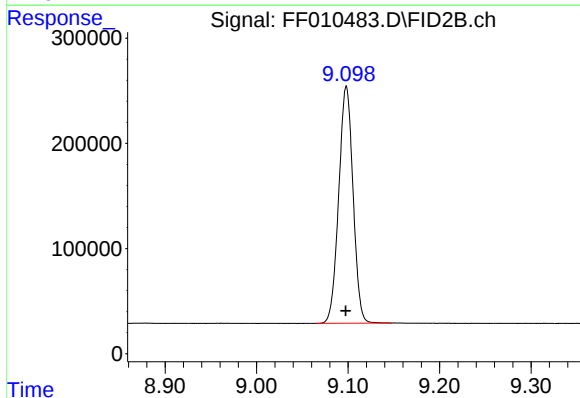
R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 2670056
Conc: 19.92 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



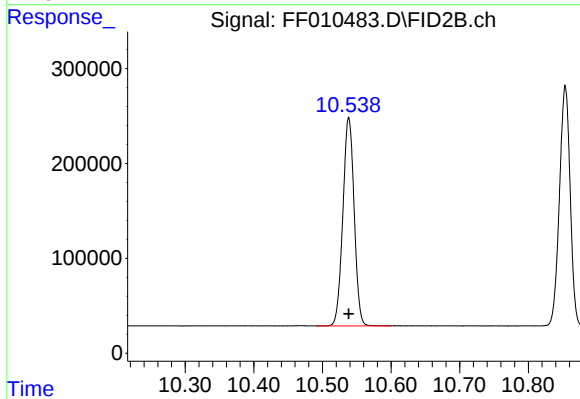
#6 n-Tetradecane (C14)

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 2402007
Conc: 19.90 ug/ml



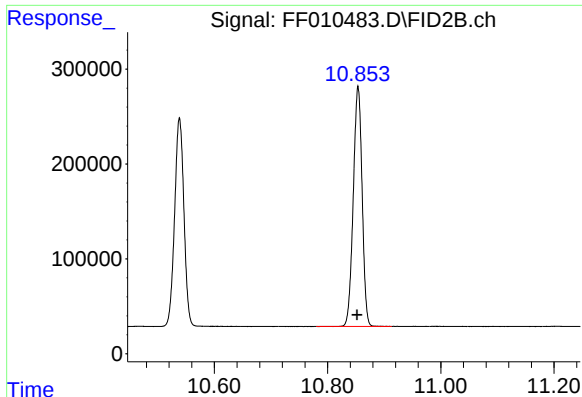
#7 n-Hexadecane (C16)

R.T.: 9.098 min
Delta R.T.: 0.000 min
Response: 2446765
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

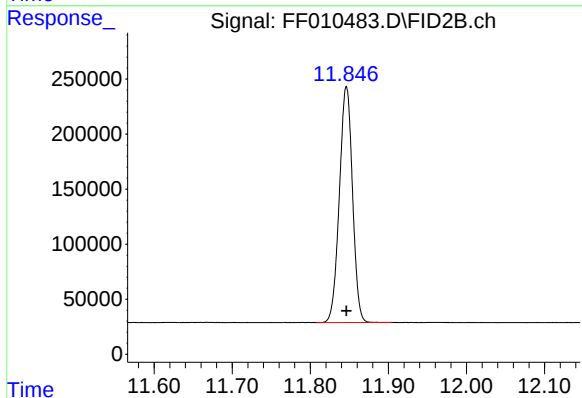
R.T.: 10.538 min
Delta R.T.: 0.000 min
Response: 2504851
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

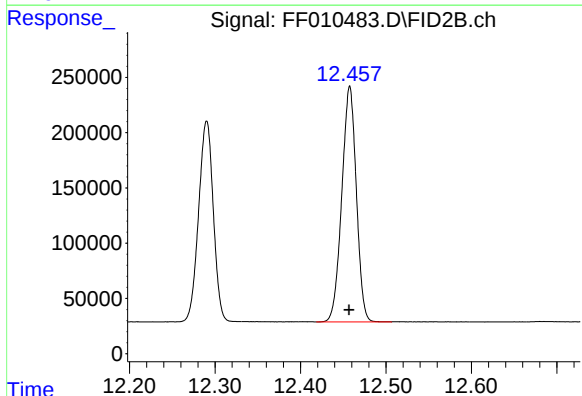
R.T.: 10.854 min
Delta R.T.: 0.002 min
Response: 2746654
Conc: 19.95 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



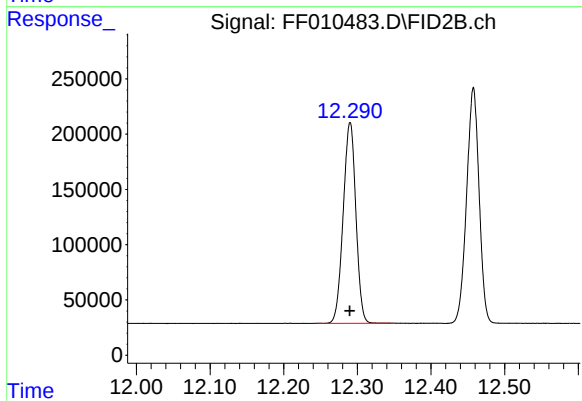
#10 n-Eicosane (C20)

R.T.: 11.846 min
Delta R.T.: 0.000 min
Response: 2507376
Conc: 19.99 ug/ml



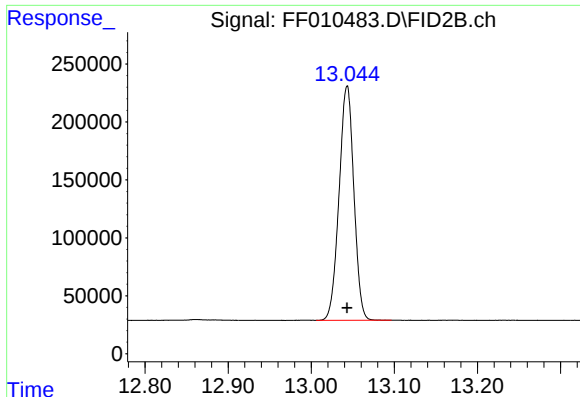
#11 n-Heneicosane (C21)

R.T.: 12.458 min
Delta R.T.: 0.000 min
Response: 2515610
Conc: 19.98 ug/ml



#12 1-chlorooctadecane (SURR)

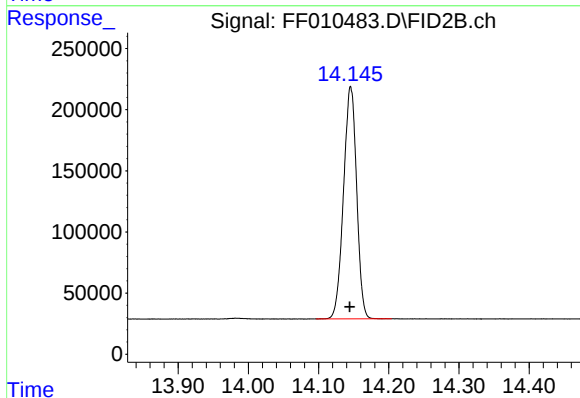
R.T.: 12.290 min
Delta R.T.: 0.000 min
Response: 2173502
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

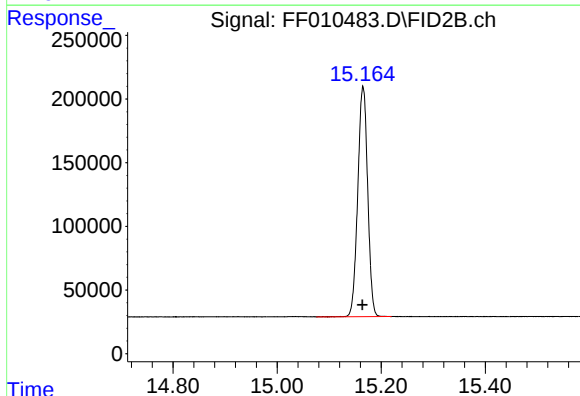
R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 2501673
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD



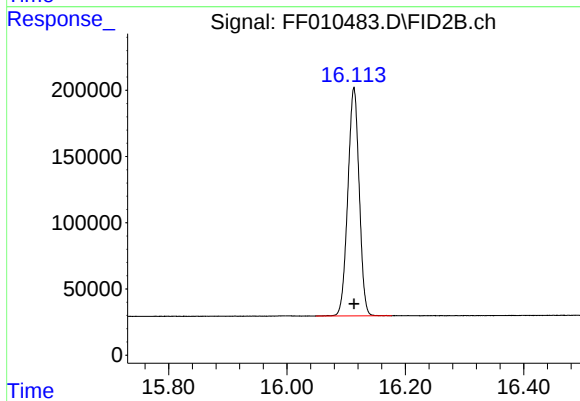
#14 n-Tetracosane (C24)

R.T.: 14.146 min
Delta R.T.: 0.001 min
Response: 2464977
Conc: 20.02 ug/ml



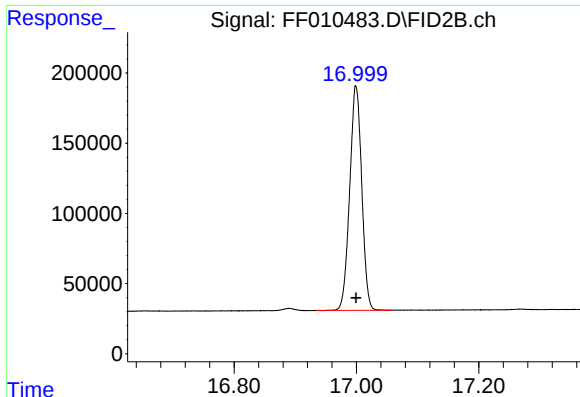
#15 n-Hexacosane (C26)

R.T.: 15.165 min
Delta R.T.: 0.001 min
Response: 2388239
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

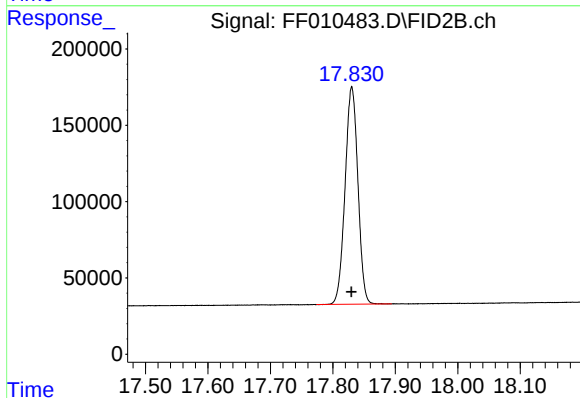
R.T.: 16.113 min
Delta R.T.: 0.000 min
Response: 2293487
Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

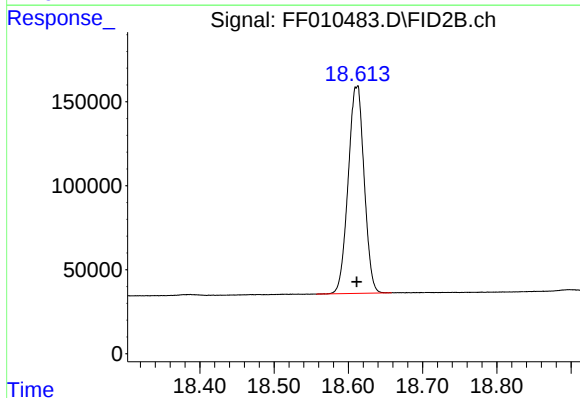
R.T.: 16.999 min
Delta R.T.: 0.000 min
Response: 2185502
Conc: 20.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



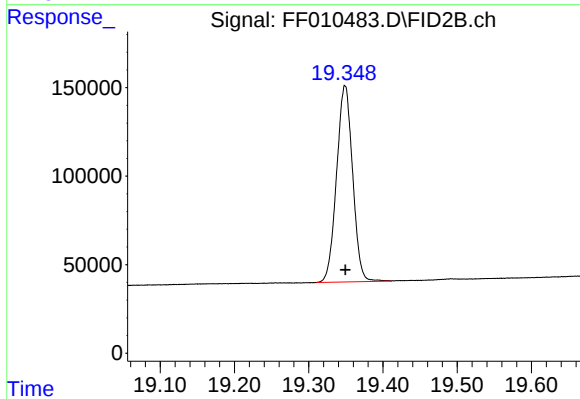
#18 n-Dotriacontane (C32)

R.T.: 17.830 min
Delta R.T.: 0.000 min
Response: 2033800
Conc: 19.85 ug/ml



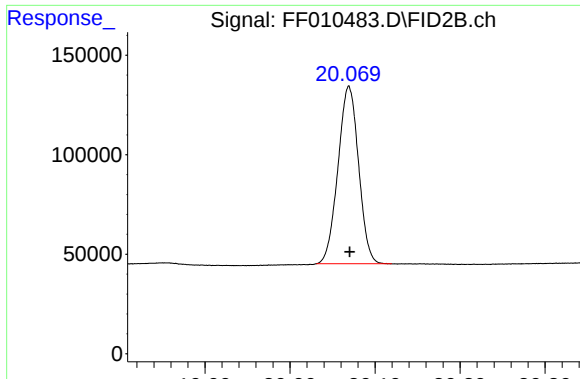
#19 n-Tetratriacontane (C34)

R.T.: 18.612 min
Delta R.T.: 0.000 min
Response: 1844932
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

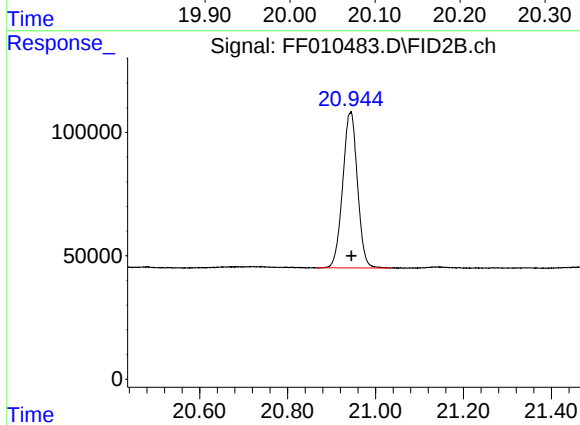
R.T.: 19.349 min
Delta R.T.: 0.000 min
Response: 1667497
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.069 min
Delta R.T.: -0.001 min
Response: 1501618
Conc: 20.17 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.944 min
Delta R.T.: 0.000 min
Response: 1470160
Conc: 19.67 ug/ml