

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047734.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 12:31
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 13 13:07:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:07:29 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)	11.351	1092309	5.006 ug/ml
Spiked Amount 50.000		Recovery =	10.01%
12) S 1-chlorooctadecane (S...	12.791	809962	4.970 ug/ml
Spiked Amount 50.000		Recovery =	9.94%
Target Compounds			
1) T n-Nonane (C9)	3.187	966962	5.022 ug/ml
2) T n-Decane (C10)	4.239	985083	4.976 ug/ml
3) T A~Naphthalene (C11.7)	5.797	1063924	4.886 ug/ml
4) T n-Dodecane (C12)	6.240	995864	5.014 ug/ml
5) T A~2-methylnaphthalene...	6.846	1013822	4.833 ug/ml
6) T n-Tetradecane (C14)	8.024	976208	4.998 ug/ml
7) T n-Hexadecane (C16)	9.616	994152	4.954 ug/ml
8) T n-Octadecane (C18)	11.049	1012936	4.988 ug/ml
10) T n-Eicosane (C20)	12.352	975505	4.997 ug/ml
11) T n-Heneicosane (C21)	12.961	975970	5.074 ug/ml
13) T n-Docosane (C22)	13.545	950032	4.993 ug/ml
14) T n-Tetracosane (C24)	14.642	929751	4.945 ug/ml
15) T n-Hexacosane (C26)	15.658	895676	4.944 ug/ml
16) T n-Octacosane (C28)	16.603	865068	4.964 ug/ml
17) T n-Tricontane (C30)	17.486	877744	5.030 ug/ml
18) T n-Dotriacontane (C32)	18.315	859420	5.048 ug/ml
19) T n-Tetratriacontane (C34)	19.094	825938	5.121 ug/ml
20) T n-Hexatriacontane (C36)	19.829	769098	5.031 ug/ml
21) T n-Octatriacontane (C38)	20.531	716627	4.874 ug/ml
22) T n-Tetracontane (C40)	21.339	707248	4.987 ug/ml

(f)=RT Delta > 1/2 Window

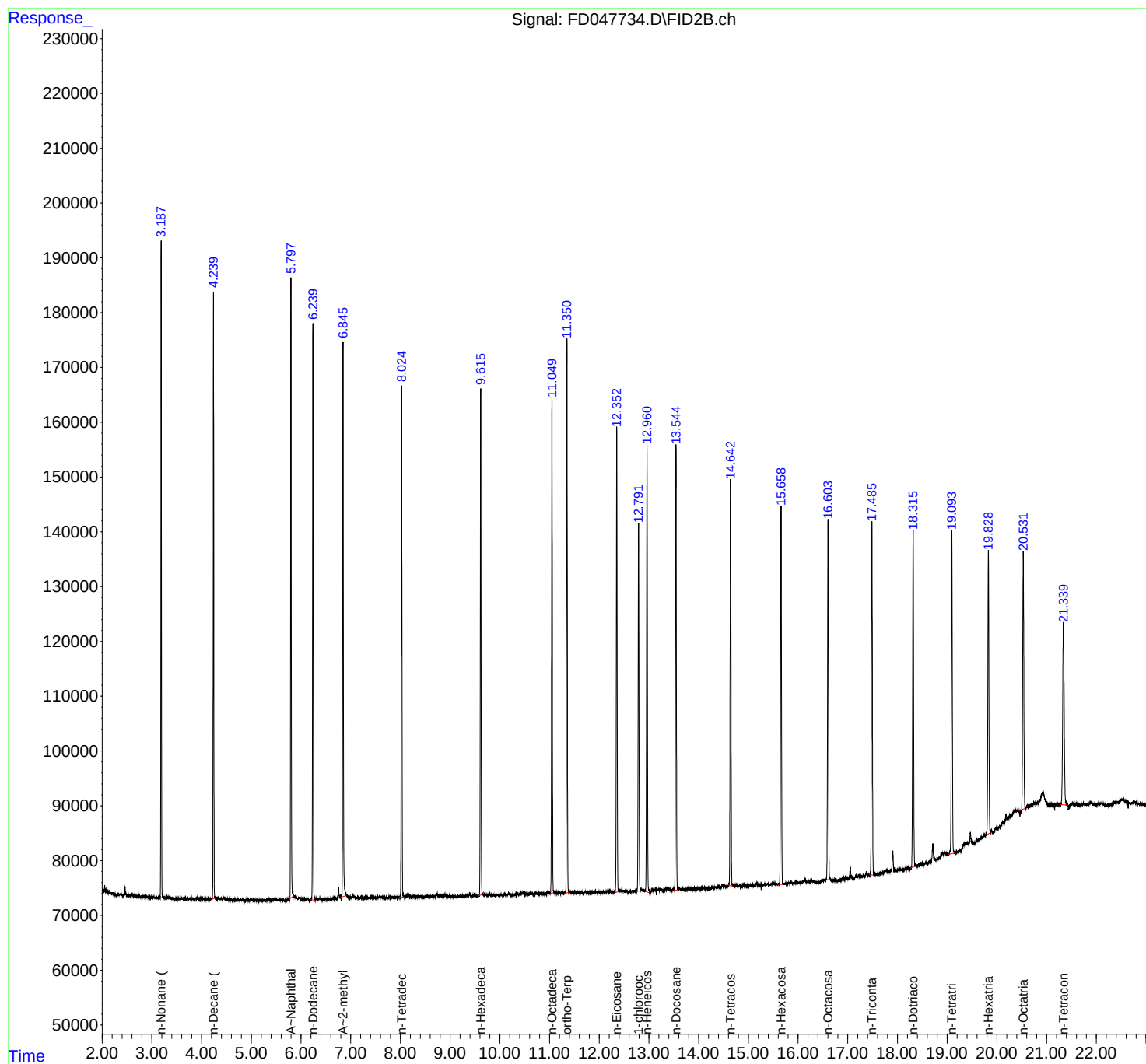
(m)=manual int.

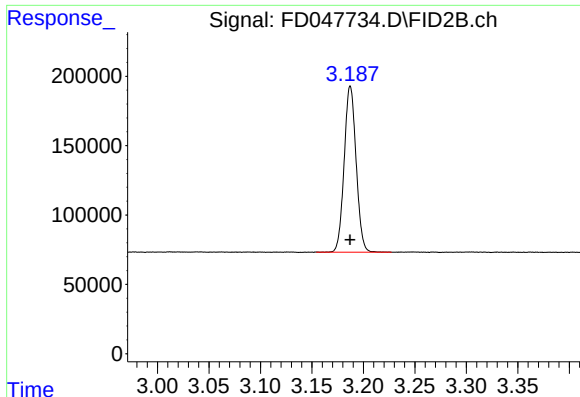
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
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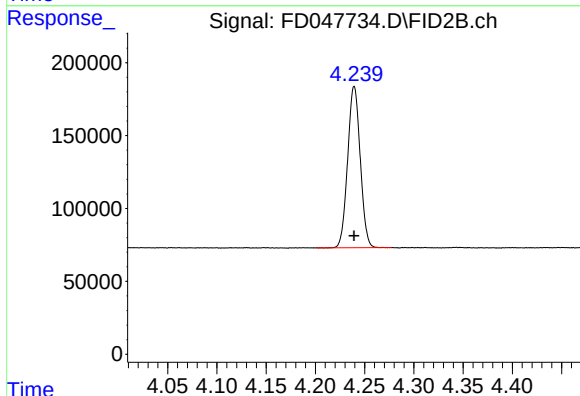




#1 n-Nonane (C9)

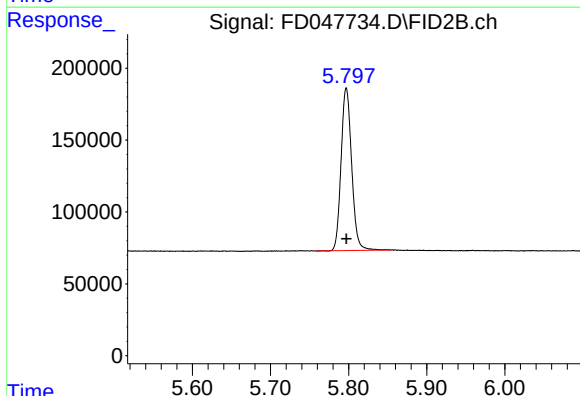
R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 966962
Conc: 5.02 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



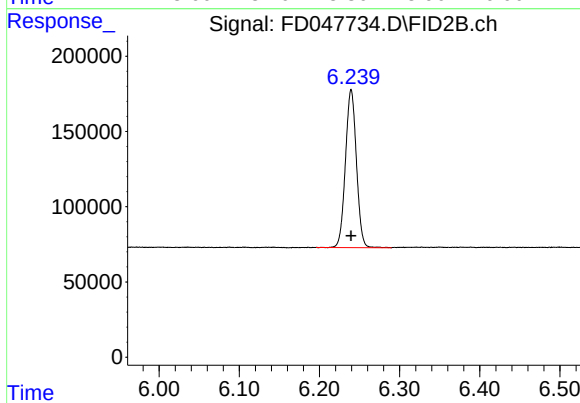
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 985083
Conc: 4.98 ug/ml



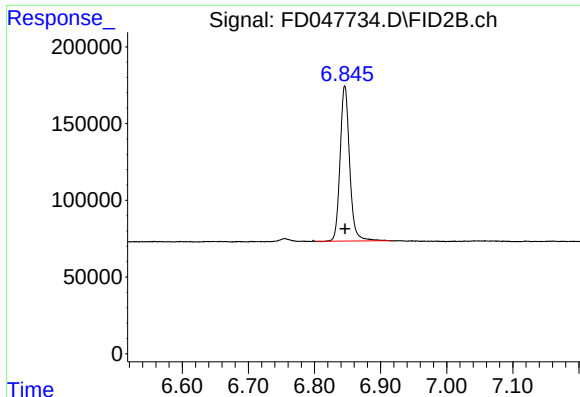
#3 A~Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 1063924
Conc: 4.89 ug/ml



#4 n-Dodecane (C12)

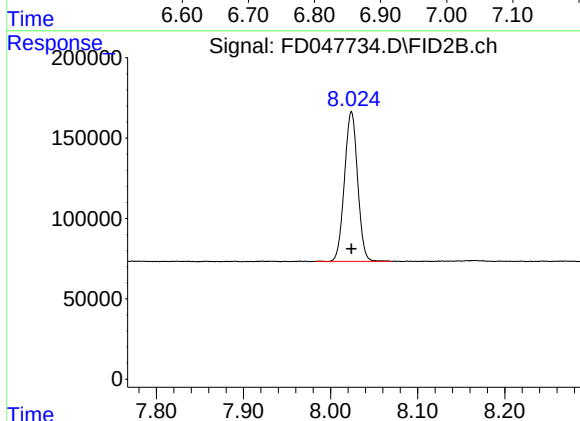
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 995864
Conc: 5.01 ug/ml



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

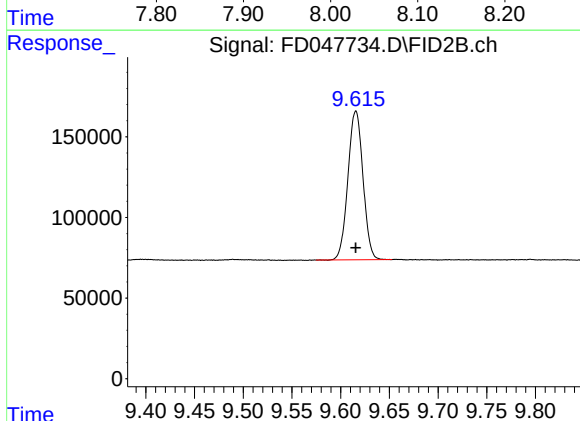
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 1013822
Conc: 4.83 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



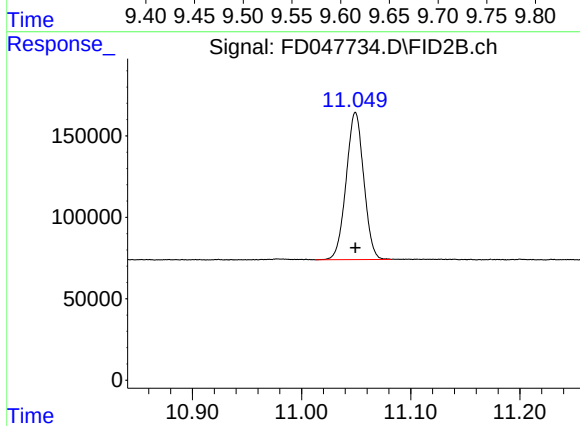
#6 n-Tetradecane (C14)

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 976208
Conc: 5.00 ug/ml



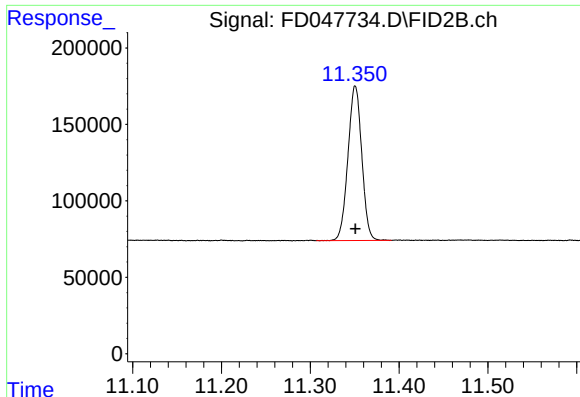
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 994152
Conc: 4.95 ug/ml



#8 n-Octadecane (C18)

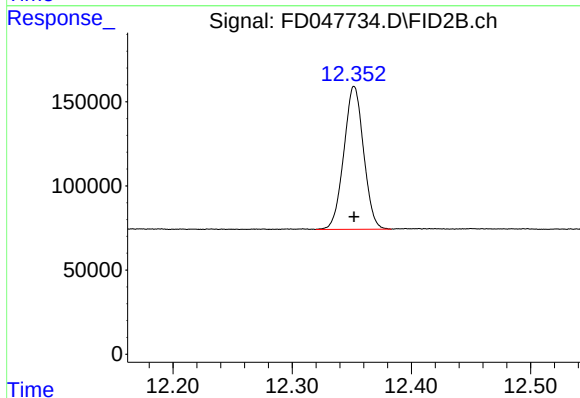
R.T.: 11.049 min
Delta R.T.: 0.000 min
Response: 1012936
Conc: 4.99 ug/ml



#9 ortho-Terphenyl (SURR)

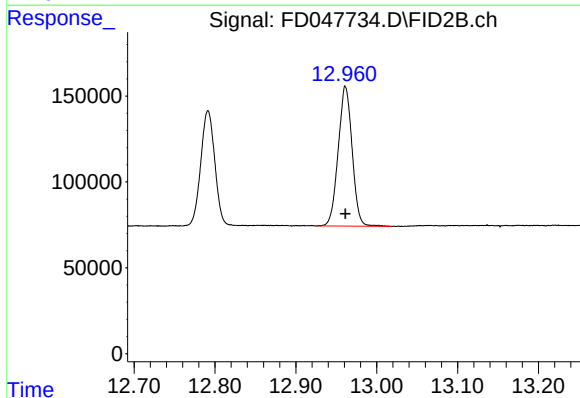
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 1092309
Conc: 5.01 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



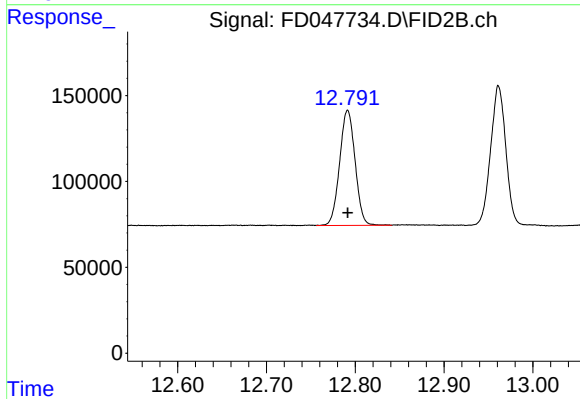
#10 n-Eicosane (C20)

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 975505
Conc: 5.00 ug/ml



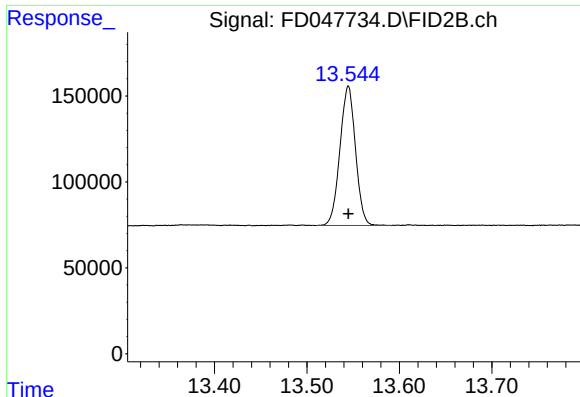
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 975970
Conc: 5.07 ug/ml



#12 1-chlorooctadecane (SURR)

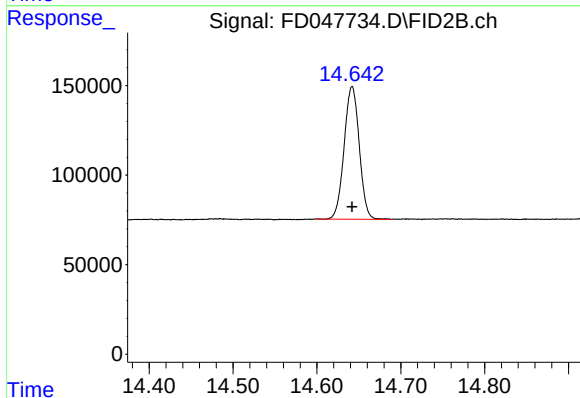
R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 809962
Conc: 4.97 ug/ml



#13 n-Docosane (C22)

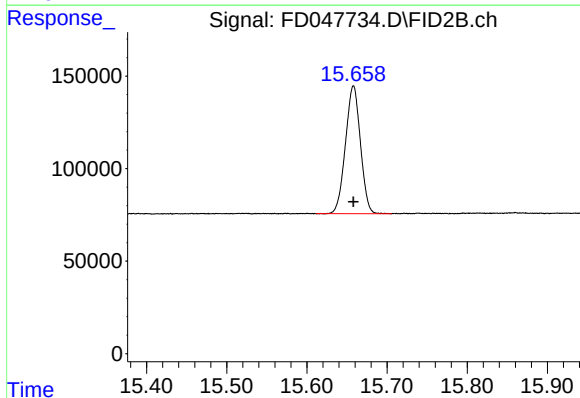
R.T.: 13.545 min
Delta R.T.: 0.000 min
Response: 950032
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



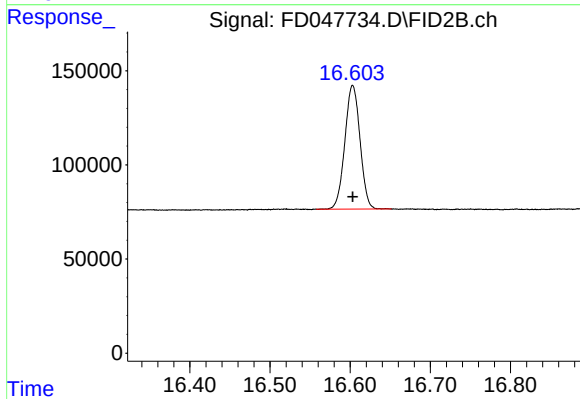
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: 0.000 min
Response: 929751
Conc: 4.95 ug/ml



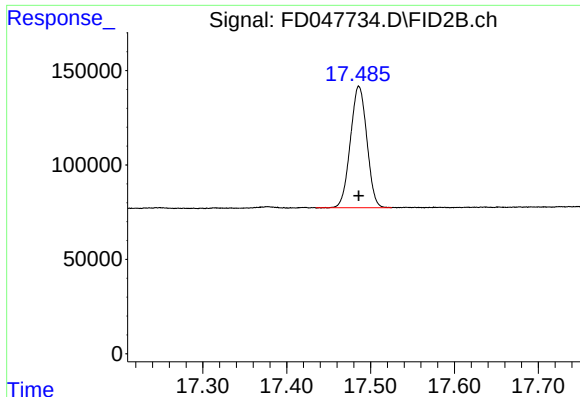
#15 n-Hexacosane (C26)

R.T.: 15.658 min
Delta R.T.: 0.000 min
Response: 895676
Conc: 4.94 ug/ml



#16 n-Octacosane (C28)

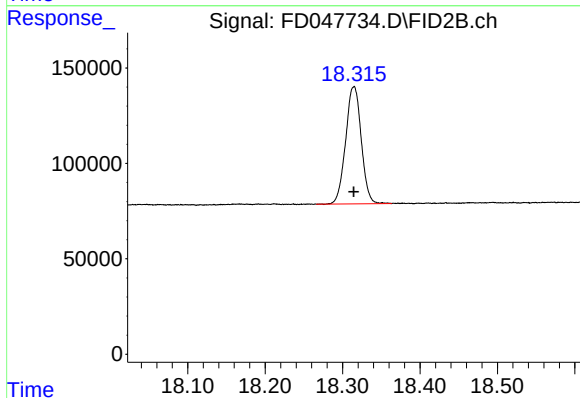
R.T.: 16.603 min
Delta R.T.: 0.000 min
Response: 865068
Conc: 4.96 ug/ml



#17 n-Tricontane (C30)

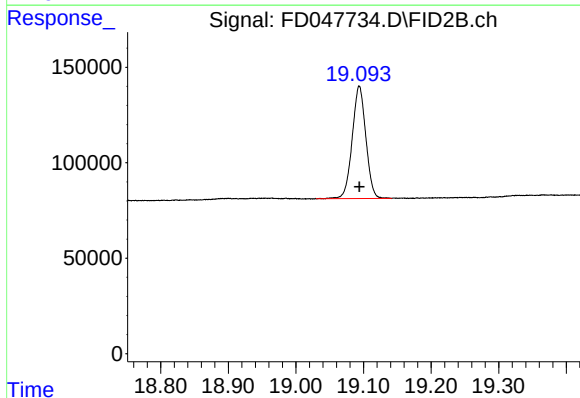
R.T.: 17.486 min
Delta R.T.: 0.000 min
Response: 877744
Conc: 5.03 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



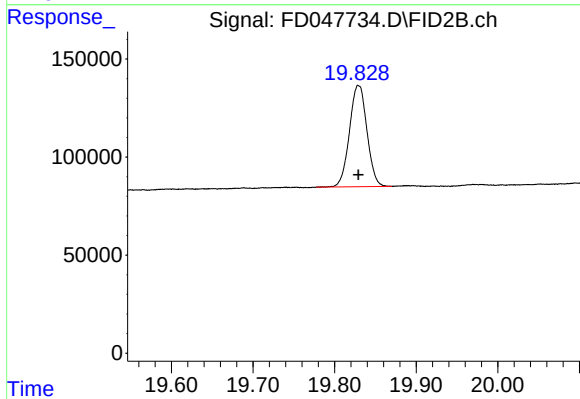
#18 n-Dotriacontane (C32)

R.T.: 18.315 min
Delta R.T.: 0.000 min
Response: 859420
Conc: 5.05 ug/ml



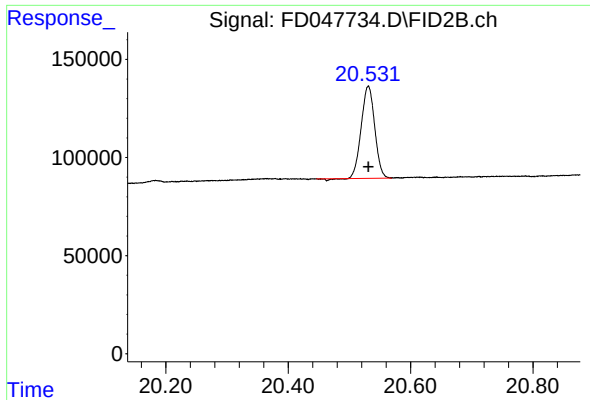
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 825938
Conc: 5.12 ug/ml



#20 n-Hexatriacontane (C36)

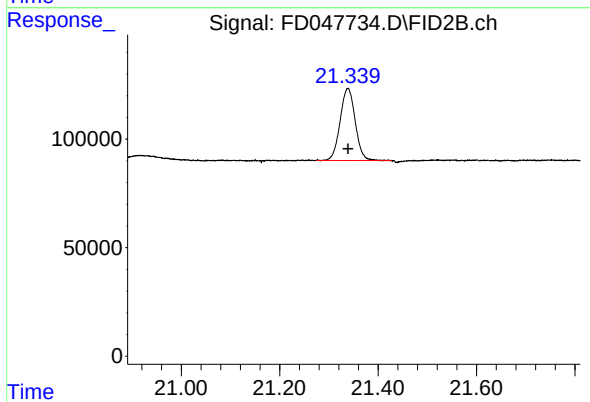
R.T.: 19.829 min
Delta R.T.: 0.000 min
Response: 769098
Conc: 5.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 716627
Conc: 4.87 ug/ml

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FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.339 min
Delta R.T.: 0.000 min
Response: 707248
Conc: 4.99 ug/ml