

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022122AL\
 Data File : FD041231.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2022 1:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 22 02:20:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.228	706780	25.288 ug/ml
Spiked Amount 50.000		Recovery =	50.58%
12) S 1-chlorooctadecane (S...	12.670	527416	25.193 ug/ml
Spiked Amount 50.000		Recovery =	50.39%
Target Compounds			
1) T n-Nonane (C9)	3.076	568504	25.241 ug/ml
2) T n-Decane (C10)	4.134	567400	25.211 ug/ml
3) T A~Naphthalene (C11.7)	5.690	588819	26.498 ug/ml
4) T n-Dodecane (C12)	6.136	593392	25.844 ug/ml
5) T A~2-methylnaphthalene...	6.737	602478	28.047 ug/ml
6) T n-Tetradecane (C14)	7.914	615319	26.129 ug/ml
7) T n-Hexadecane (C16)	9.501	630513	26.225 ug/ml
8) T n-Octadecane (C18)	10.931	636780	25.375 ug/ml
10) T n-Eicosane (C20)	12.232	616465	24.614 ug/ml
11) T n-Heneicosane (C21)	12.840	615296	24.228 ug/ml
13) T n-Docosane (C22)	13.422	598796	23.923 ug/ml
14) T n-Tetracosane (C24)	14.519	567349	22.844 ug/ml
15) T n-Hexacosane (C26)	15.533	536276	22.121 ug/ml
16) T n-Octacosane (C28)	16.477	509327	21.152 ug/ml
17) T n-Tricontane (C30)	17.359	486477	20.416 ug/ml
18) T n-Dotriacontane (C32)	18.189	452032	20.154 ug/ml
19) T n-Tetratriacontane (C34)	18.969	426427	19.788 ug/ml
20) T n-Hexatriacontane (C36)	19.704	394039	19.818 ug/ml
21) T n-Octatriacontane (C38)	20.401	374563	19.770 ug/ml
22) T n-Tetracontane (C40)	21.183	365677	18.892 ug/ml

(f)=RT Delta > 1/2 Window

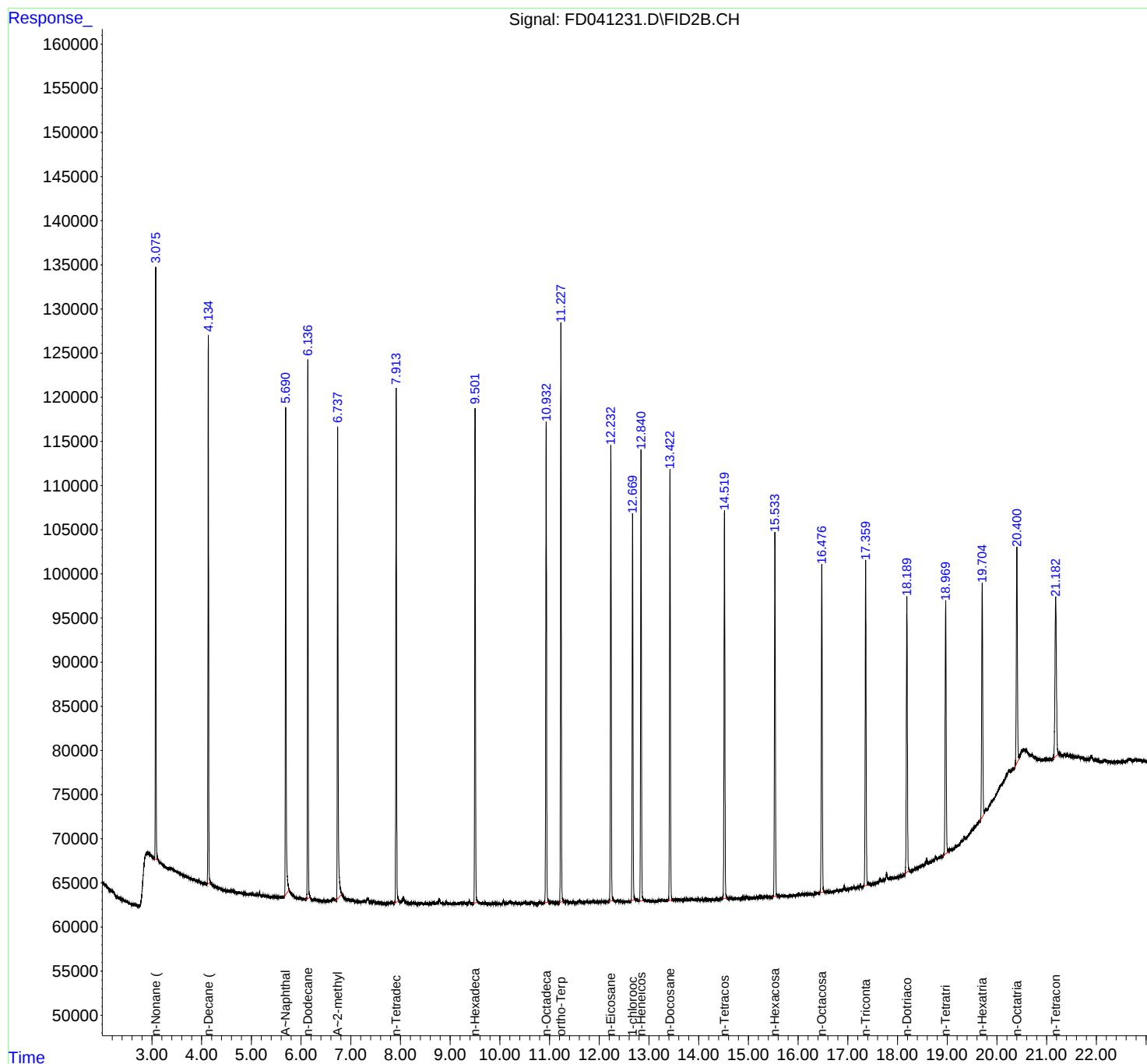
(m)=manual int.

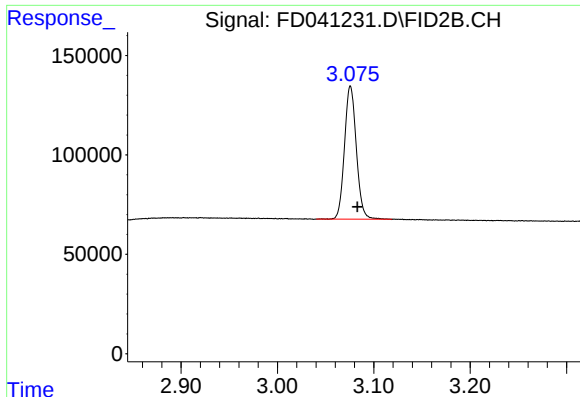
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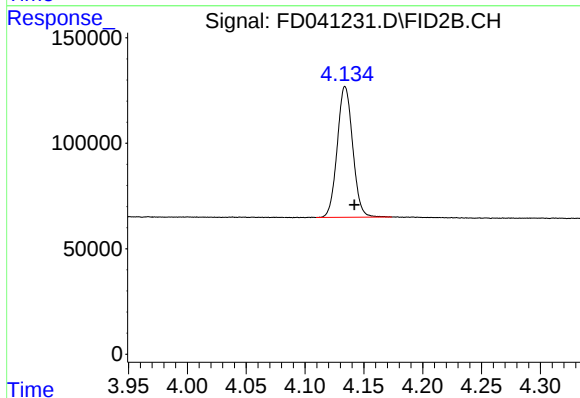




#1 n-Nonane (C9)

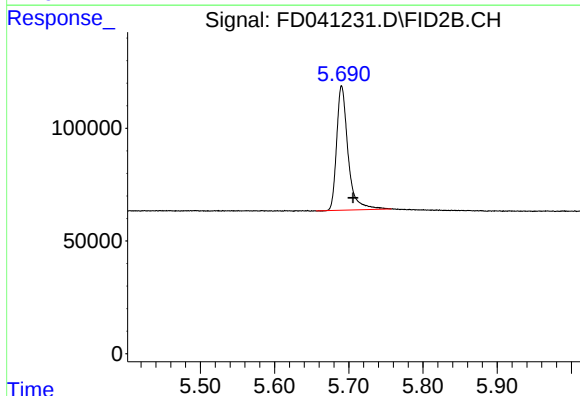
R.T.: 3.076 min
Delta R.T.: -0.007 min
Response: 568504
Conc: 25.24 ug/ml

Instrument :
FID_D
ClientSampleId :



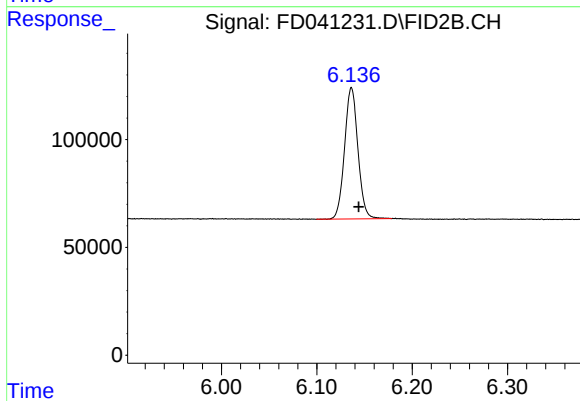
#2 n-Decane (C10)

R.T.: 4.134 min
Delta R.T.: -0.008 min
Response: 567400
Conc: 25.21 ug/ml



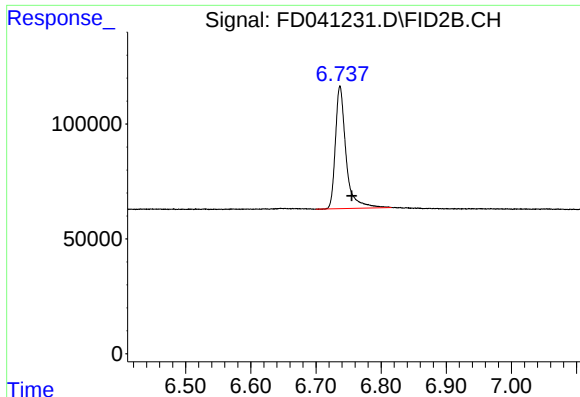
#3 A~Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.015 min
Response: 588819
Conc: 26.50 ug/ml



#4 n-Dodecane (C12)

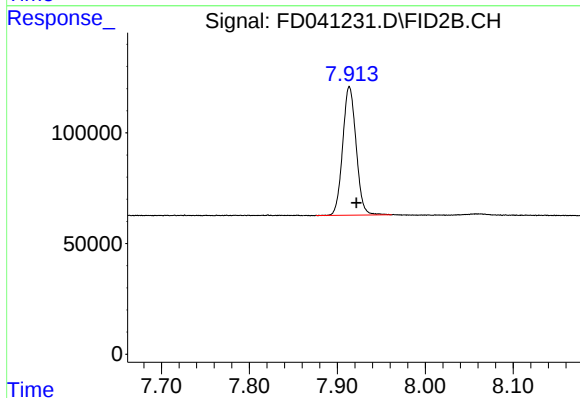
R.T.: 6.136 min
Delta R.T.: -0.008 min
Response: 593392
Conc: 25.84 ug/ml



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

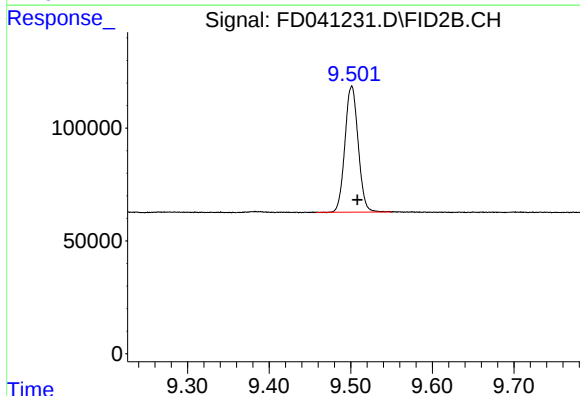
R.T.: 6.737 min
Delta R.T.: -0.018 min
Response: 602478
Conc: 28.05 ug/ml

Instrument :
FID_D
ClientSampleId :



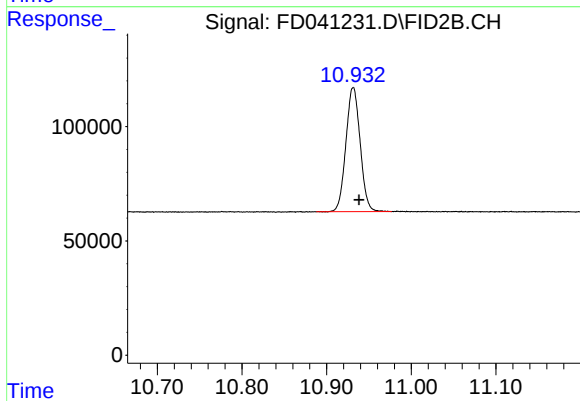
#6 n-Tetradecane (C14)

R.T.: 7.914 min
Delta R.T.: -0.008 min
Response: 615319
Conc: 26.13 ug/ml



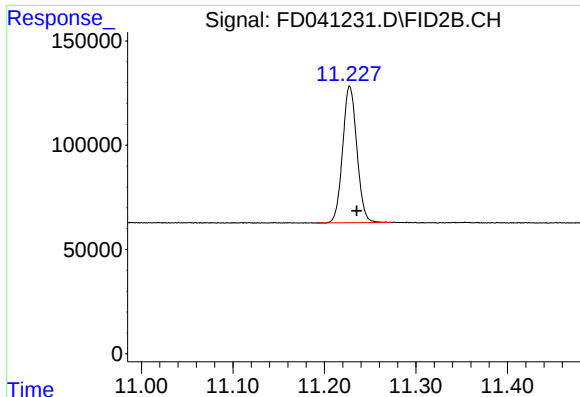
#7 n-Hexadecane (C16)

R.T.: 9.501 min
Delta R.T.: -0.007 min
Response: 630513
Conc: 26.23 ug/ml



#8 n-Octadecane (C18)

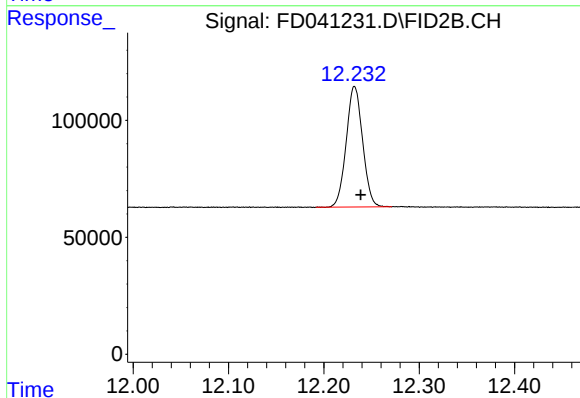
R.T.: 10.931 min
Delta R.T.: -0.007 min
Response: 636780
Conc: 25.38 ug/ml



#9 ortho-Terphenyl (SURR)

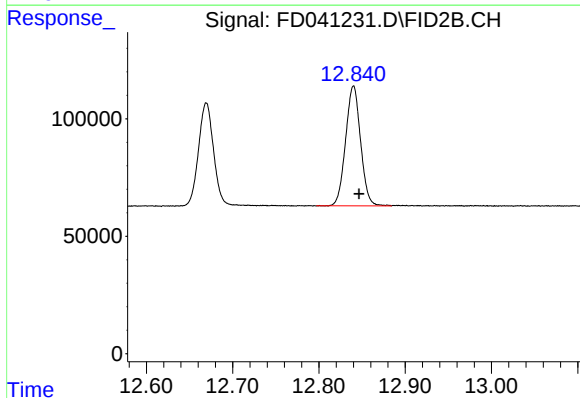
R.T.: 11.228 min
Delta R.T.: -0.008 min
Response: 706780
Conc: 25.29 ug/ml

Instrument :
FID_D
ClientSampleId :



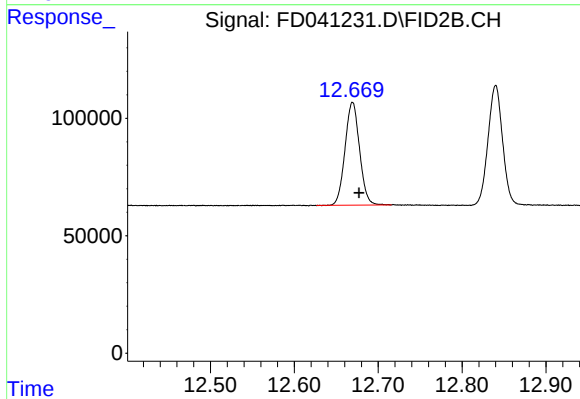
#10 n-Eicosane (C20)

R.T.: 12.232 min
Delta R.T.: -0.006 min
Response: 616465
Conc: 24.61 ug/ml



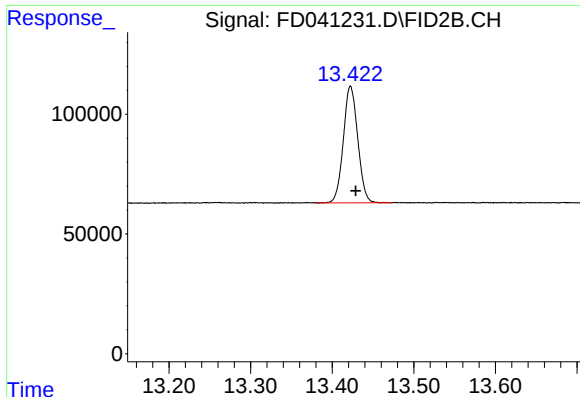
#11 n-Heneicosane (C21)

R.T.: 12.840 min
Delta R.T.: -0.006 min
Response: 615296
Conc: 24.23 ug/ml



#12 1-chlorooctadecane (SURR)

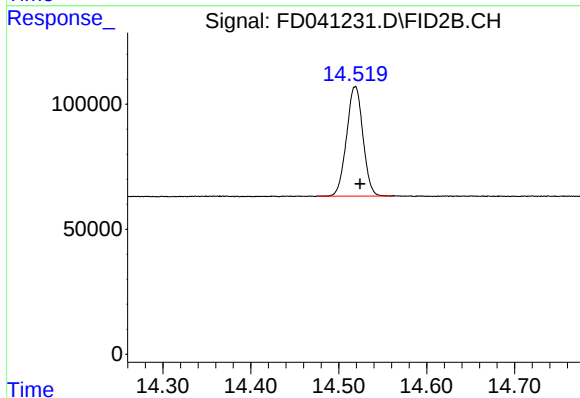
R.T.: 12.670 min
Delta R.T.: -0.008 min
Response: 527416
Conc: 25.19 ug/ml



#13 n-Docosane (C22)

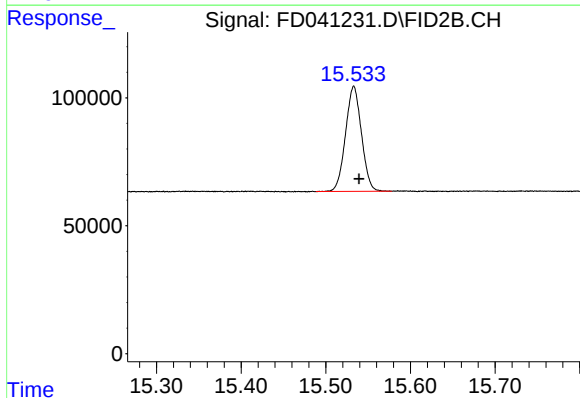
R.T.: 13.422 min
Delta R.T.: -0.006 min
Response: 598796
Conc: 23.92 ug/ml

Instrument :
FID_D
ClientSampleId :



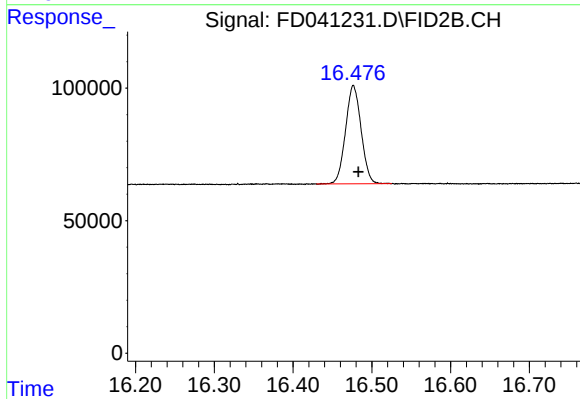
#14 n-Tetracosane (C24)

R.T.: 14.519 min
Delta R.T.: -0.005 min
Response: 567349
Conc: 22.84 ug/ml



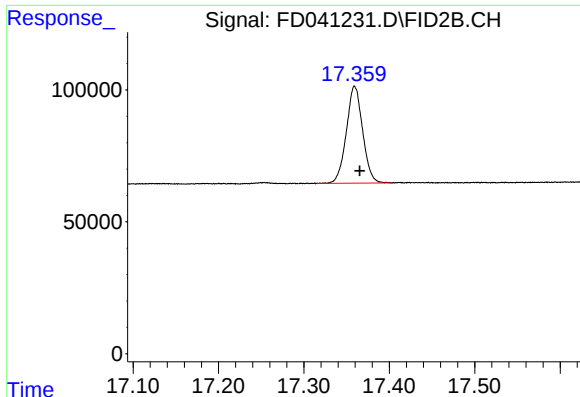
#15 n-Hexacosane (C26)

R.T.: 15.533 min
Delta R.T.: -0.006 min
Response: 536276
Conc: 22.12 ug/ml



#16 n-Octacosane (C28)

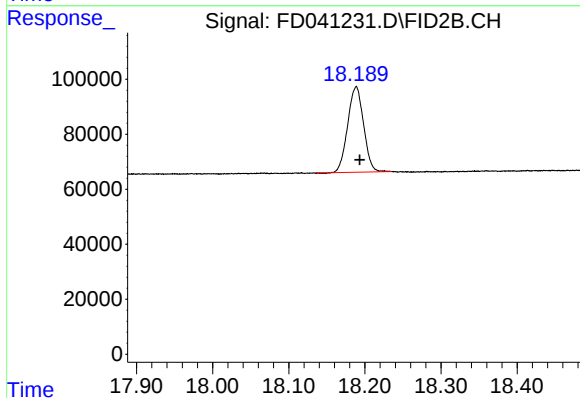
R.T.: 16.477 min
Delta R.T.: -0.006 min
Response: 509327
Conc: 21.15 ug/ml



#17 n-Tricontane (C30)

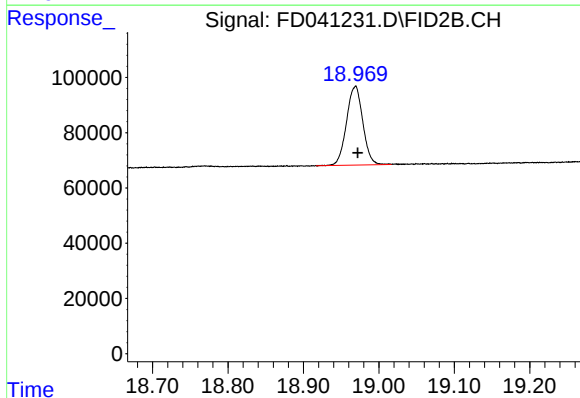
R.T.: 17.359 min
Delta R.T.: -0.006 min
Response: 486477
Conc: 20.42 ug/ml

Instrument :
FID_D
ClientSampleId :



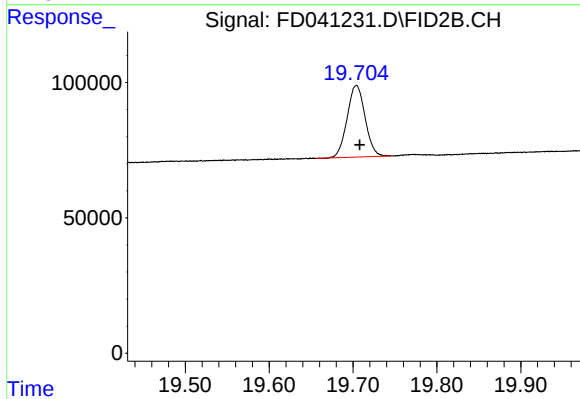
#18 n-Dotriacontane (C32)

R.T.: 18.189 min
Delta R.T.: -0.005 min
Response: 452032
Conc: 20.15 ug/ml



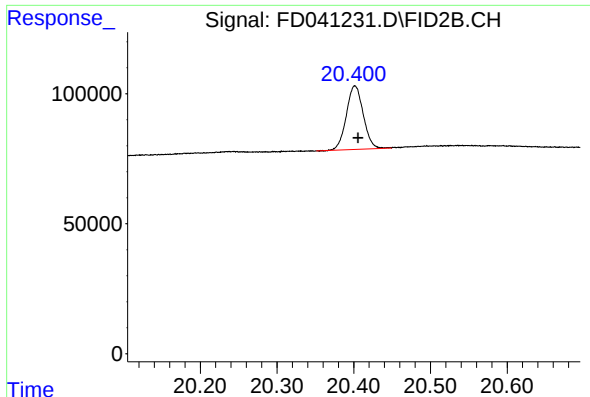
#19 n-Tetratriacontane (C34)

R.T.: 18.969 min
Delta R.T.: -0.003 min
Response: 426427
Conc: 19.79 ug/ml



#20 n-Hexatriacontane (C36)

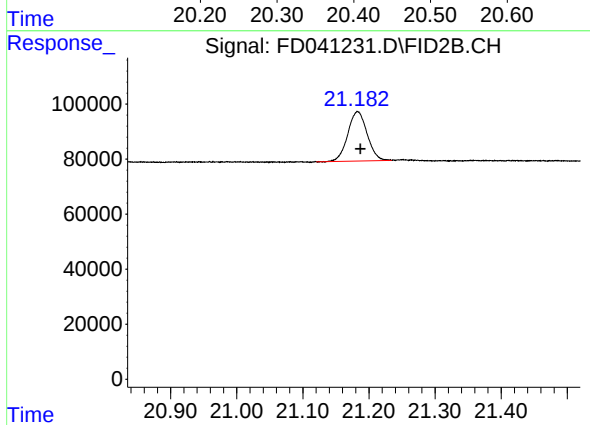
R.T.: 19.704 min
Delta R.T.: -0.004 min
Response: 394039
Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.401 min
Delta R.T.: -0.004 min
Response: 374563
Conc: 19.77 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.183 min
Delta R.T.: -0.004 min
Response: 365677
Conc: 18.89 ug/ml