

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020222AL\
 Data File : FD040865.D
 Signal(s) : FID2B.CH
 Acq On : 02 Feb 2022 21:36
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 02 23:07:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 23:07:01 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)	10.601	6981784	47.204 ug/ml
Spiked Amount 50.000		Recovery =	94.41%
12) S 1-chlorooctadecane (S...	12.038	5299652	47.535 ug/ml
Spiked Amount 50.000		Recovery =	95.07%
Target Compounds			
1) T n-Nonane (C9)	2.561	5998785	47.525 ug/ml
2) T n-Decane (C10)	3.544	6070340	47.624 ug/ml
3) T A~Naphthalene (C11.7)	5.071	6691673	48.407 ug/ml
4) T n-Dodecane (C12)	5.510	6093548	47.563 ug/ml
5) T A~2-methylnaphthalene...	6.110	6740597	48.478 ug/ml
6) T n-Tetradecane (C14)	7.285	6177313	47.475 ug/ml
7) T n-Hexadecane (C16)	8.871	6159904	47.327 ug/ml
8) T n-Octadecane (C18)	10.303	6240055	47.176 ug/ml
10) T n-Eicosane (C20)	11.600	6110568	47.172 ug/ml
11) T n-Heneicosane (C21)	12.209	6137267	47.303 ug/ml
13) T n-Docosane (C22)	12.791	6053952	47.335 ug/ml
14) T n-Tetracosane (C24)	13.887	6010210	47.420 ug/ml
15) T n-Hexacosane (C26)	14.901	5849473	47.616 ug/ml
16) T n-Octacosane (C28)	15.846	5772867	47.725 ug/ml
17) T n-Tricontane (C30)	16.727	5611572	48.083 ug/ml
18) T n-Dotriacontane (C32)	17.554	5179567	47.964 ug/ml
19) T n-Tetratriacontane (C34)	18.334	4813460	48.324 ug/ml
20) T n-Hexatriacontane (C36)	19.071	4395596	48.020 ug/ml
21) T n-Octatriacontane (C38)	19.767	4116245	48.655 ug/ml
22) T n-Tetracontane (C40)	20.558	4060154	48.015 ug/ml

(f)=RT Delta > 1/2 Window

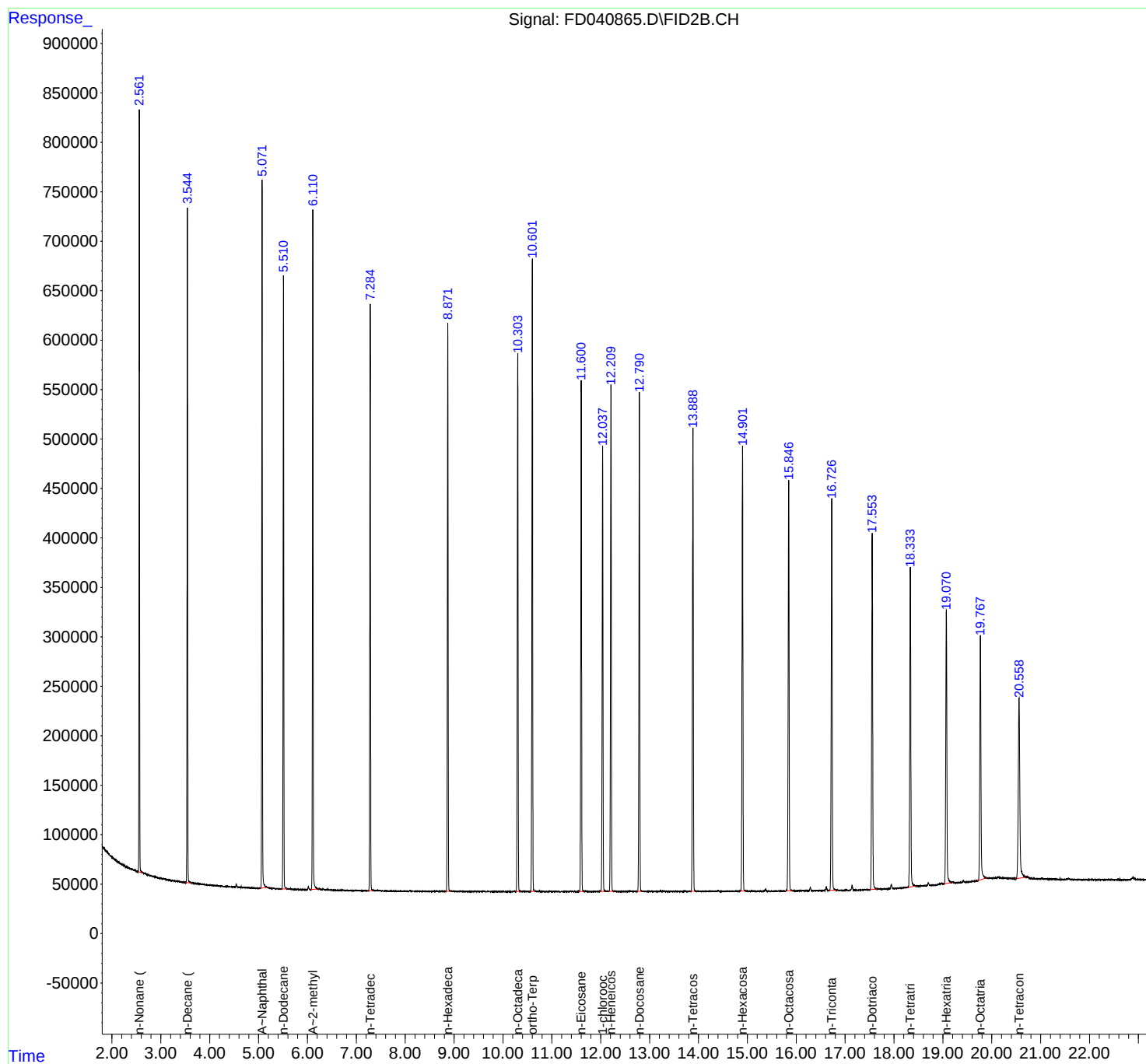
(m)=manual int.

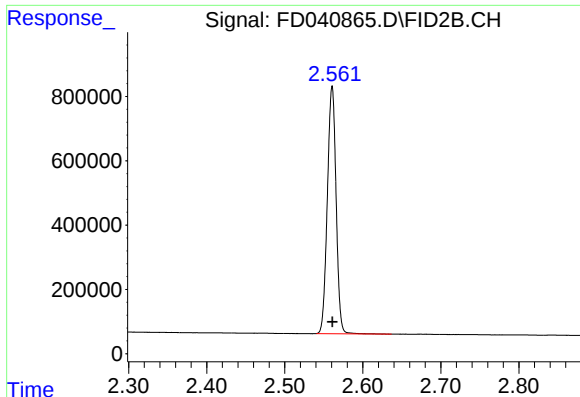
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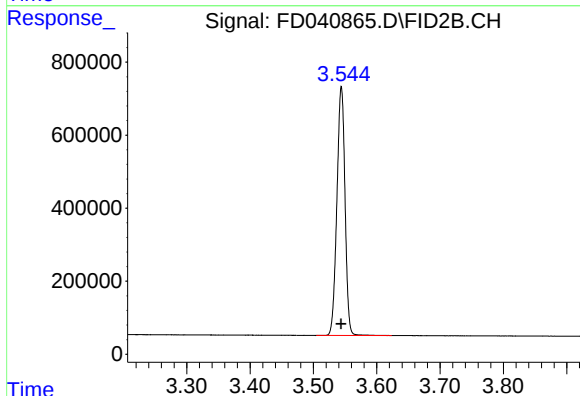




#1 n-Nonane (C9)

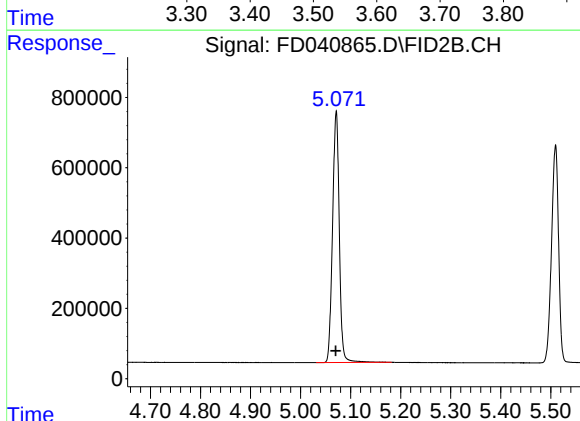
R.T.: 2.561 min
Delta R.T.: 0.000 min
Response: 5998785
Conc: 47.52 ug/ml

Instrument :
FID_D
ClientSampleId :



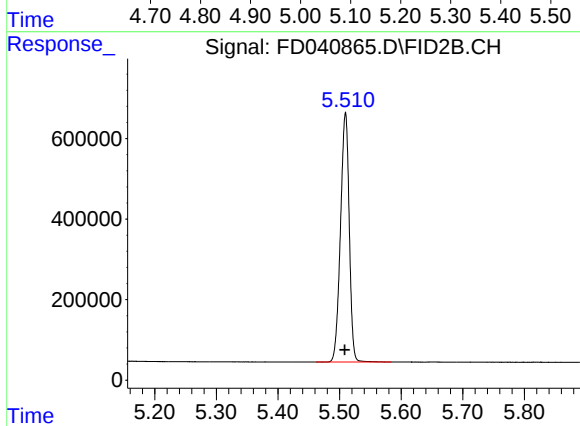
#2 n-Decane (C10)

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 6070340
Conc: 47.62 ug/ml



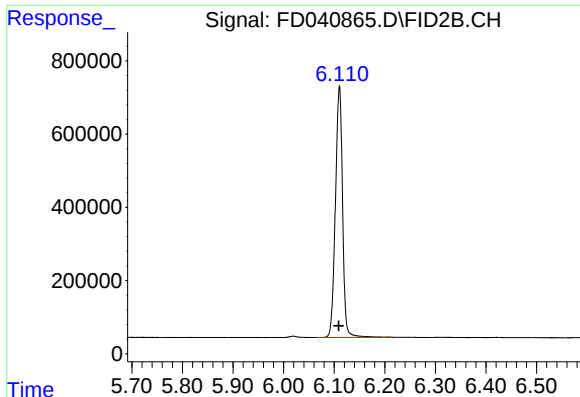
#3 A~Naphthalene (C11.7)

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 6691673
Conc: 48.41 ug/ml



#4 n-Dodecane (C12)

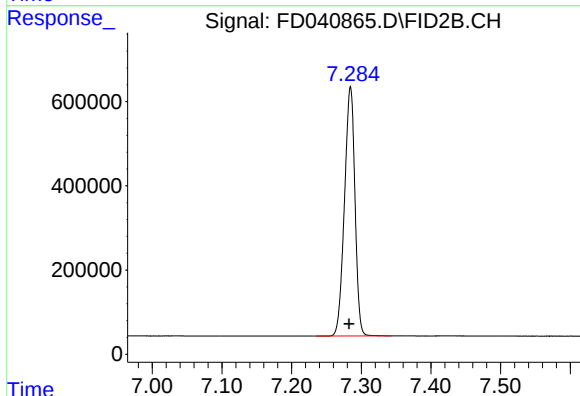
R.T.: 5.510 min
Delta R.T.: 0.001 min
Response: 6093548
Conc: 47.56 ug/ml



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

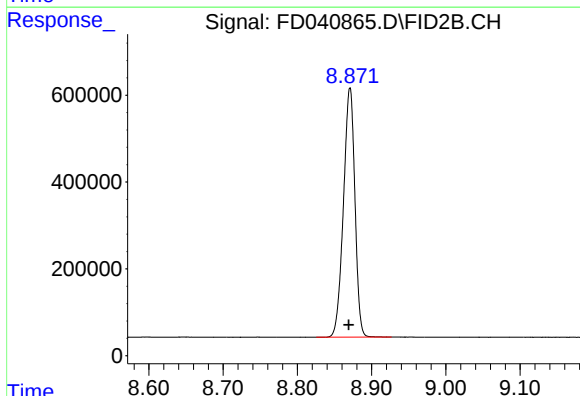
R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 6740597
Conc: 48.48 ug/ml

Instrument :
FID_D
ClientSampleId :



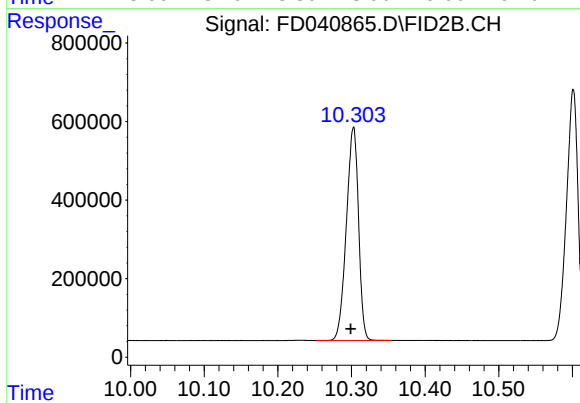
#6 n-Tetradecane (C14)

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 6177313
Conc: 47.47 ug/ml



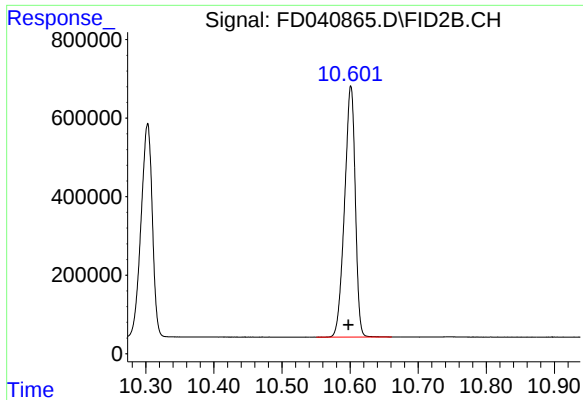
#7 n-Hexadecane (C16)

R.T.: 8.871 min
Delta R.T.: 0.002 min
Response: 6159904
Conc: 47.33 ug/ml



#8 n-Octadecane (C18)

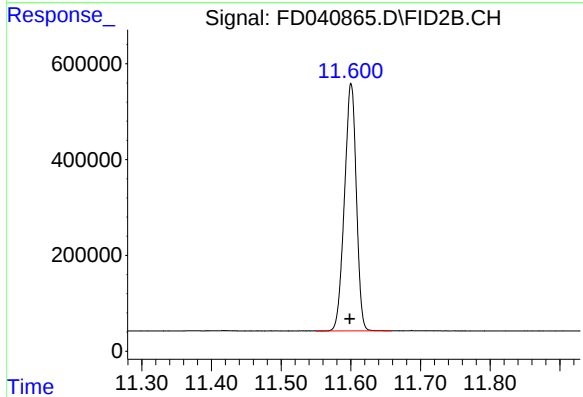
R.T.: 10.303 min
Delta R.T.: 0.004 min
Response: 6240055
Conc: 47.18 ug/ml



#9 ortho-Terphenyl (SURR)

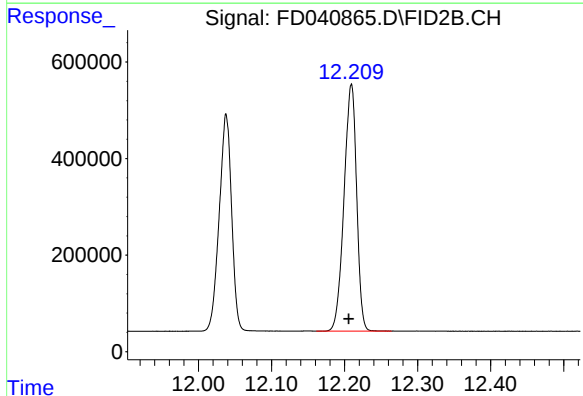
R.T.: 10.601 min
Delta R.T.: 0.004 min
Response: 6981784
Conc: 47.20 ug/ml

Instrument :
FID_D
ClientSampleId :



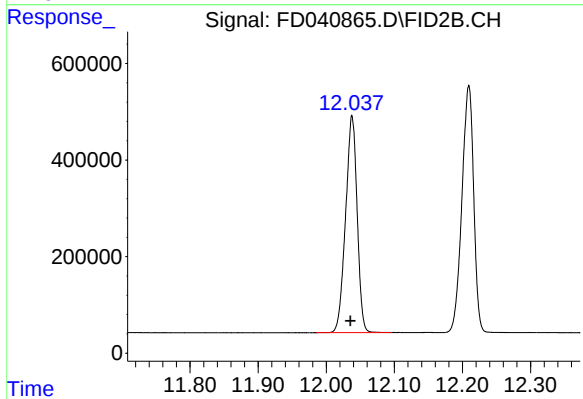
#10 n-Eicosane (C20)

R.T.: 11.600 min
Delta R.T.: 0.002 min
Response: 6110568
Conc: 47.17 ug/ml



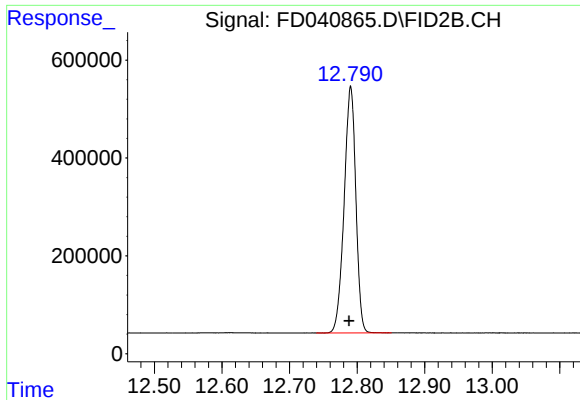
#11 n-Heneicosane (C21)

R.T.: 12.209 min
Delta R.T.: 0.004 min
Response: 6137267
Conc: 47.30 ug/ml



#12 1-chlorooctadecane (SURR)

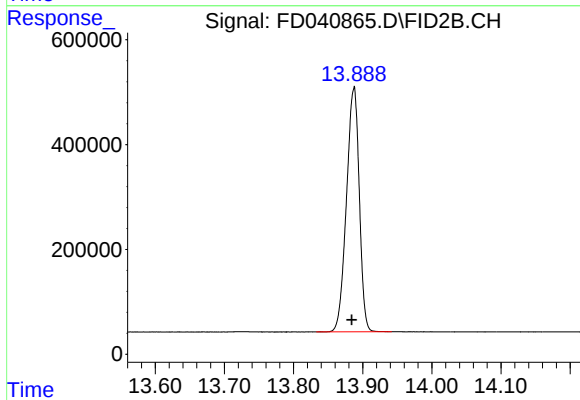
R.T.: 12.038 min
Delta R.T.: 0.002 min
Response: 5299652
Conc: 47.53 ug/ml



#13 n-Docosane (C22)

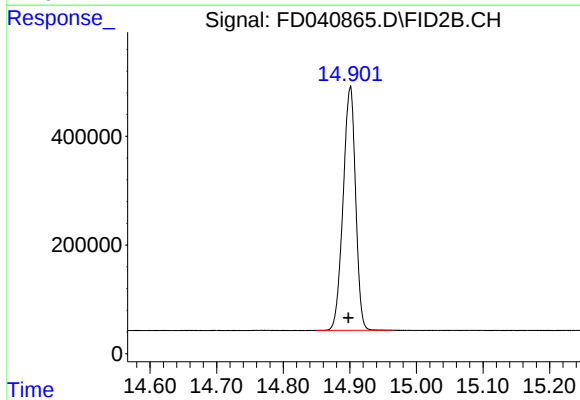
R.T.: 12.791 min
Delta R.T.: 0.003 min
Response: 6053952
Conc: 47.34 ug/ml

Instrument :
FID_D
ClientSampleId :



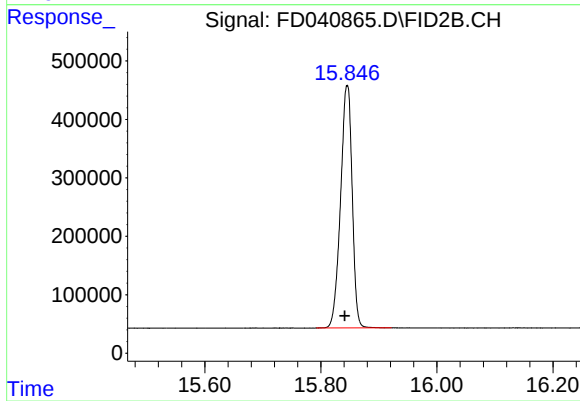
#14 n-Tetracosane (C24)

R.T.: 13.887 min
Delta R.T.: 0.003 min
Response: 6010210
Conc: 47.42 ug/ml



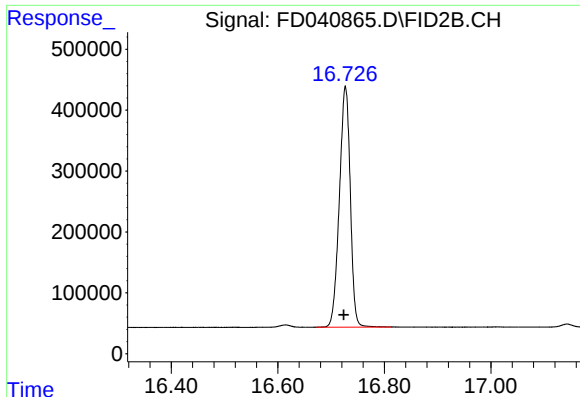
#15 n-Hexacosane (C26)

R.T.: 14.901 min
Delta R.T.: 0.003 min
Response: 5849473
Conc: 47.62 ug/ml



#16 n-Octacosane (C28)

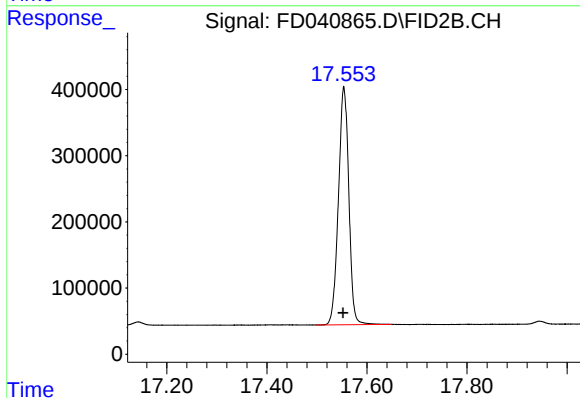
R.T.: 15.846 min
Delta R.T.: 0.004 min
Response: 5772867
Conc: 47.72 ug/ml



#17 n-Tricontane (C30)

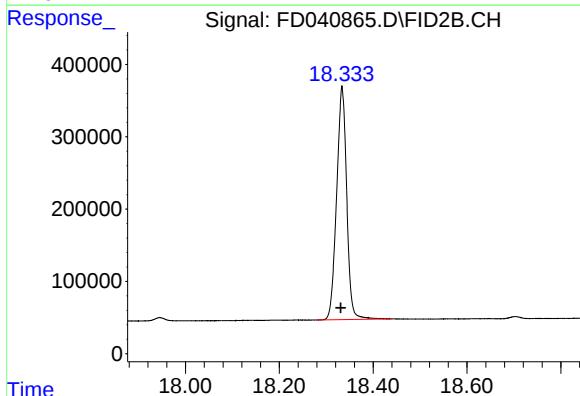
R.T.: 16.727 min
Delta R.T.: 0.003 min
Response: 5611572
Conc: 48.08 ug/ml

Instrument :
FID_D
ClientSampleId :



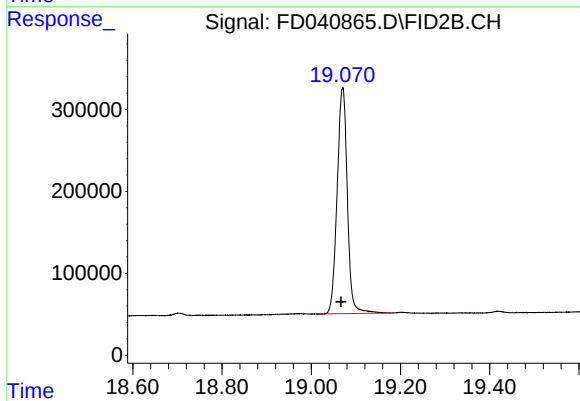
#18 n-Dotriacontane (C32)

R.T.: 17.554 min
Delta R.T.: 0.002 min
Response: 5179567
Conc: 47.96 ug/ml



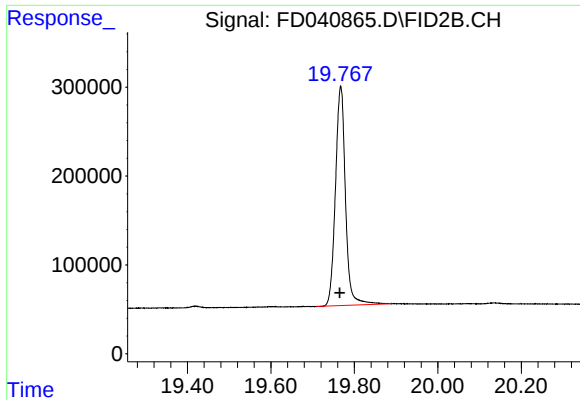
#19 n-Tetratriacontane (C34)

R.T.: 18.334 min
Delta R.T.: 0.003 min
Response: 4813460
Conc: 48.32 ug/ml



#20 n-Hexatriacontane (C36)

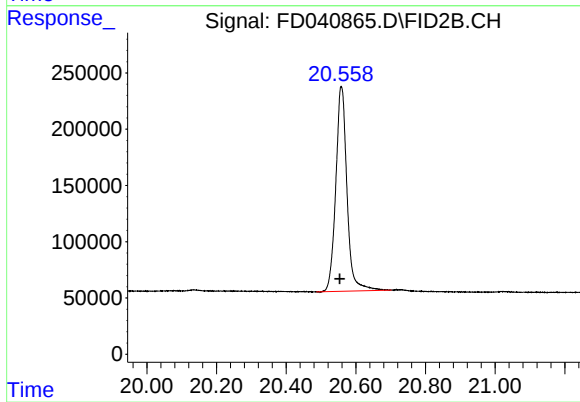
R.T.: 19.071 min
Delta R.T.: 0.004 min
Response: 4395596
Conc: 48.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.767 min
Delta R.T.: 0.003 min
Response: 4116245
Conc: 48.66 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.558 min
Delta R.T.: 0.004 min
Response: 4060154
Conc: 48.01 ug/ml