

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AL\
 Data File : FD042558.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 19:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 20 03:05:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.202	3504794	20.915 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
12) S 1-chlorooctadecane (S...	12.639	2721254	21.105 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
Target Compounds			
1) T n-Nonane (C9)	3.080	3113617	20.503 ug/ml
2) T n-Decane (C10)	4.121	3102226	20.620 ug/ml
3) T A~Naphthalene (C11.7)	5.671	3195397	20.744 ug/ml
4) T n-Dodecane (C12)	6.114	3241192	20.627 ug/ml
5) T A~2-methylnaphthalene...	6.717	3221283	20.934 ug/ml
6) T n-Tetradecane (C14)	7.889	3268898	20.745 ug/ml
7) T n-Hexadecane (C16)	9.474	3292427	20.846 ug/ml
8) T n-Octadecane (C18)	10.904	3319520	21.046 ug/ml
10) T n-Eicosane (C20)	12.203	3274652	21.259 ug/ml
11) T n-Heneicosane (C21)	12.810	3219454	21.056 ug/ml
13) T n-Docosane (C22)	13.392	3303380	22.061 ug/ml
14) T n-Tetracosane (C24)	14.488	3399119	23.565 ug/ml
15) T n-Hexacosane (C26)	15.501	3358227	23.980 ug/ml
16) T n-Octacosane (C28)	16.446	3435477	25.201 ug/ml
17) T n-Tricontane (C30)	17.328	3453895	25.943 ug/ml
18) T n-Dotriacontane (C32)	18.157	3232541	25.404 ug/ml
19) T n-Tetratriacontane (C34)	18.936	2942054	24.377 ug/ml
20) T n-Hexatriacontane (C36)	19.671	2573005	22.719 ug/ml
21) T n-Octatriacontane (C38)	20.367	2323163	21.513 ug/ml
22) T n-Tetracontane (C40)	21.136	2307587	21.632 ug/ml

(f)=RT Delta > 1/2 Window

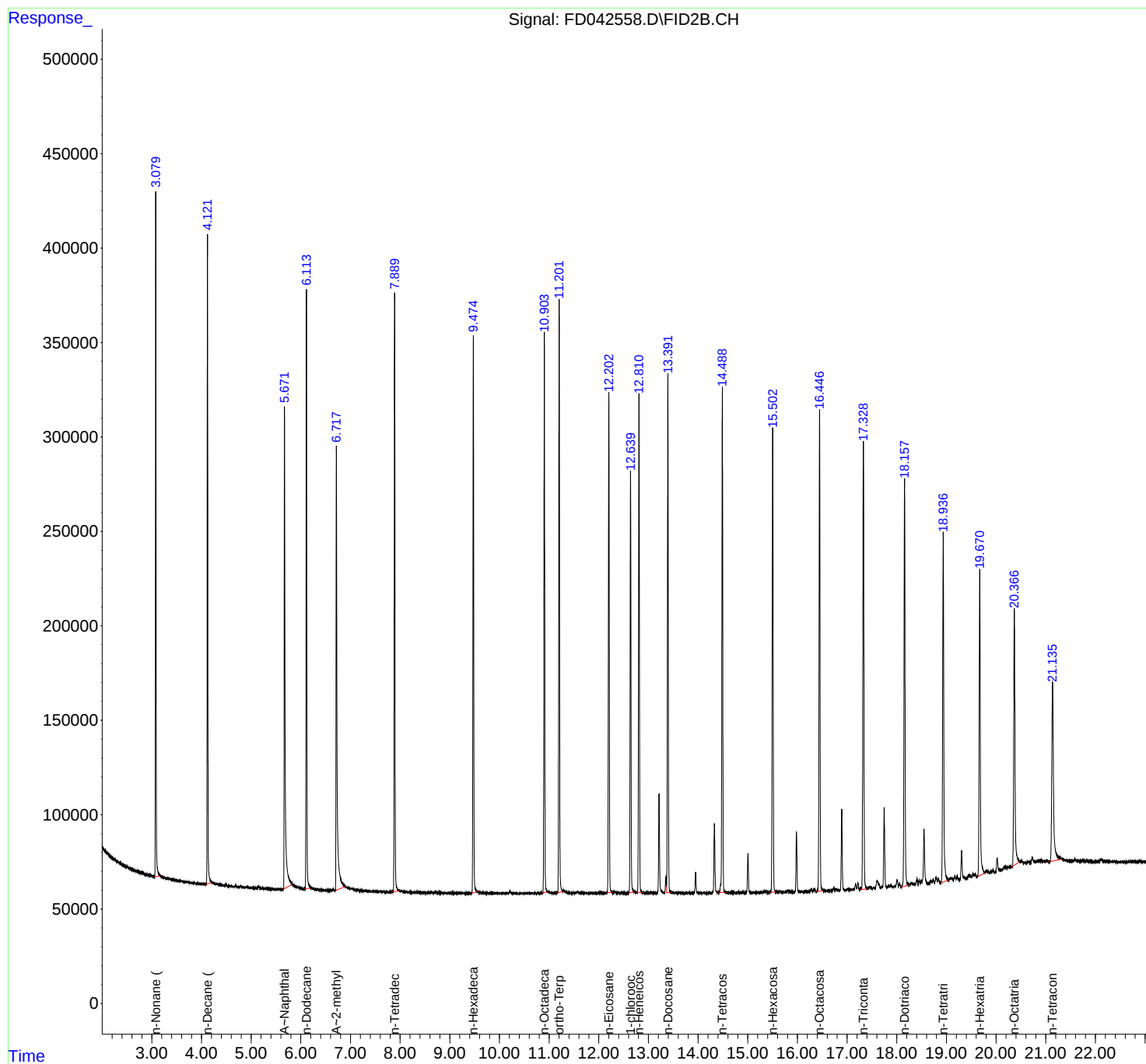
(m)=manual int.

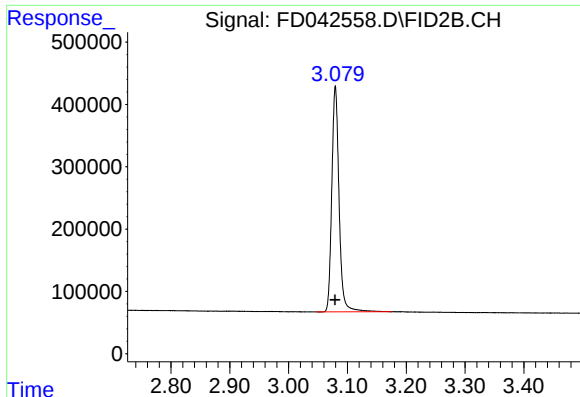
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AL\
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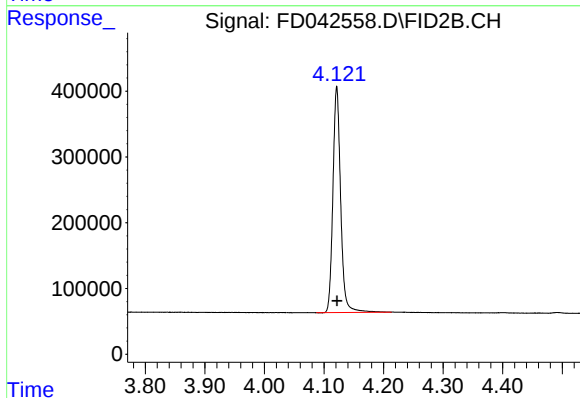




#1 n-Nonane (C9)

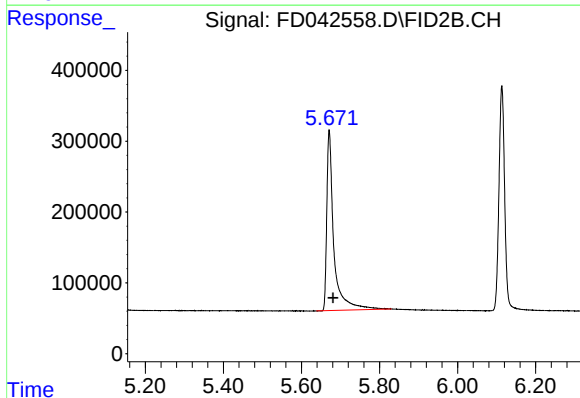
R.T.: 3.080 min
Delta R.T.: 0.000 min
Response: 3113617
Conc: 20.50 ug/ml

Instrument :
FID_D
ClientSampleId :



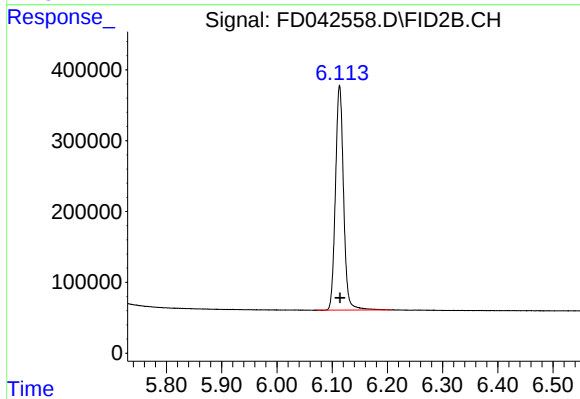
#2 n-Decane (C10)

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 3102226
Conc: 20.62 ug/ml



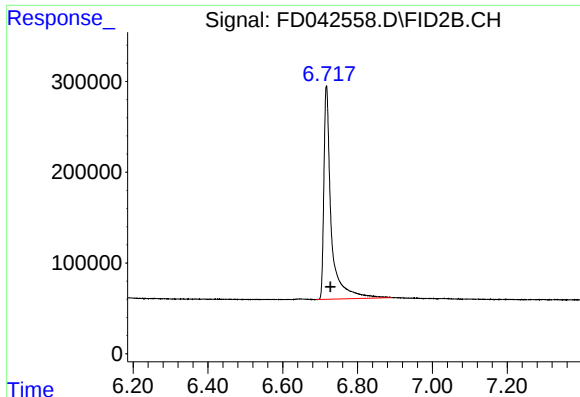
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.009 min
Response: 3195397
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

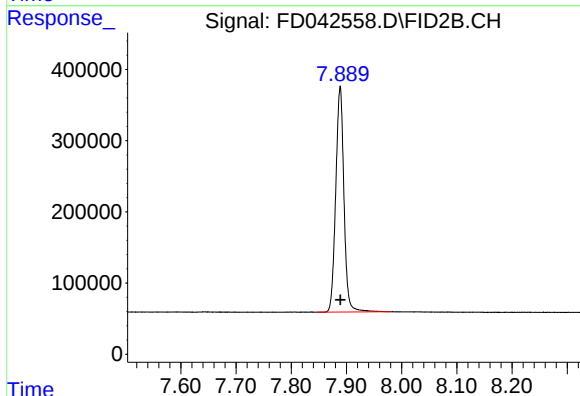
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 3241192
Conc: 20.63 ug/ml



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

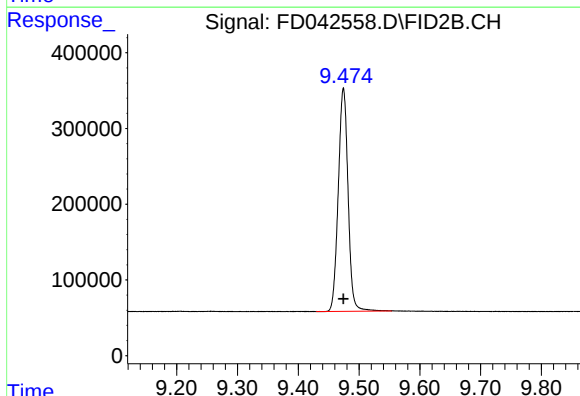
R.T.: 6.717 min
Delta R.T.: -0.011 min
Response: 3221283
Conc: 20.93 ug/ml

Instrument :
FID_D
ClientSampleId :



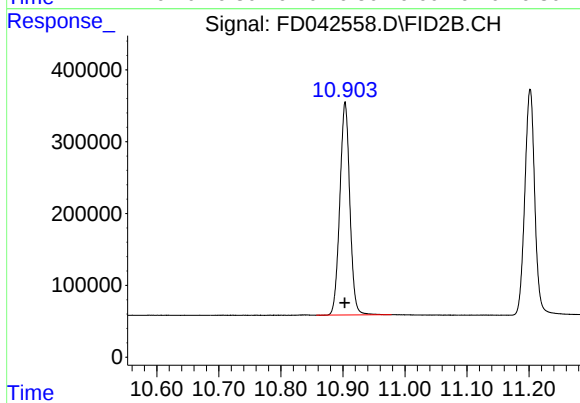
#6 n-Tetradecane (C14)

R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 3268898
Conc: 20.75 ug/ml



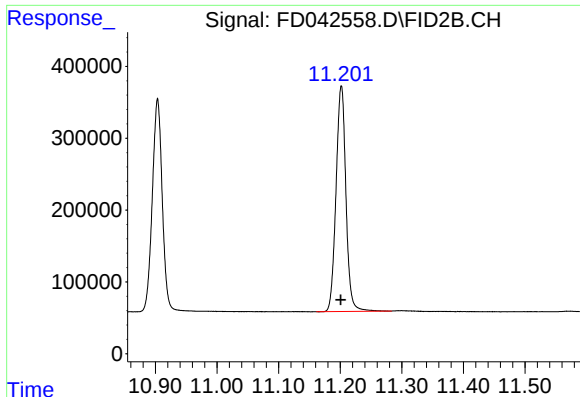
#7 n-Hexadecane (C16)

R.T.: 9.474 min
Delta R.T.: 0.000 min
Response: 3292427
Conc: 20.85 ug/ml



#8 n-Octadecane (C18)

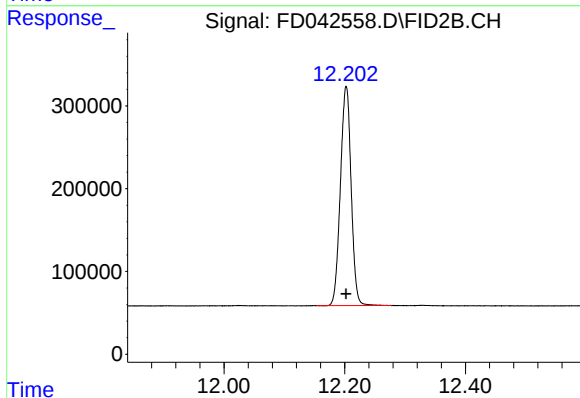
R.T.: 10.904 min
Delta R.T.: 0.000 min
Response: 3319520
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

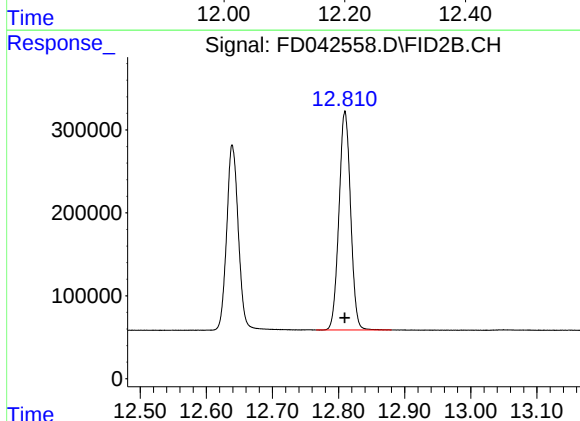
R.T.: 11.202 min
Delta R.T.: 0.000 min
Response: 3504794
Conc: 20.91 ug/ml

Instrument :
FID_D
ClientSampleId :



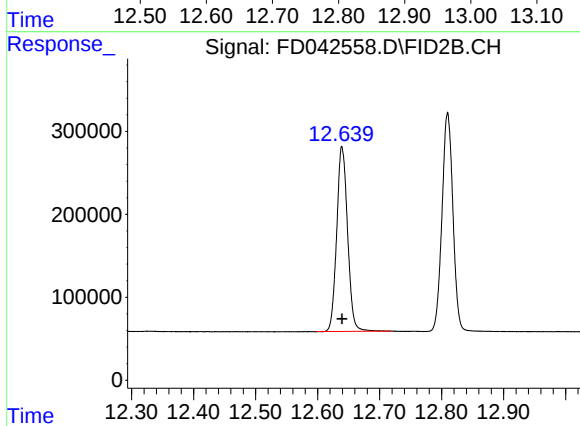
#10 n-Eicosane (C20)

R.T.: 12.203 min
Delta R.T.: 0.000 min
Response: 3274652
Conc: 21.26 ug/ml



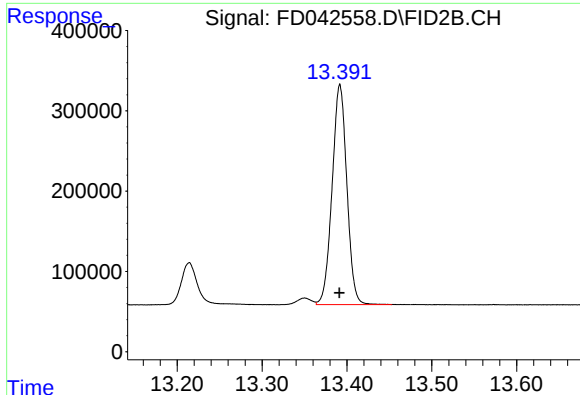
#11 n-Heneicosane (C21)

R.T.: 12.810 min
Delta R.T.: 0.000 min
Response: 3219454
Conc: 21.06 ug/ml



#12 1-chlorooctadecane (SURR)

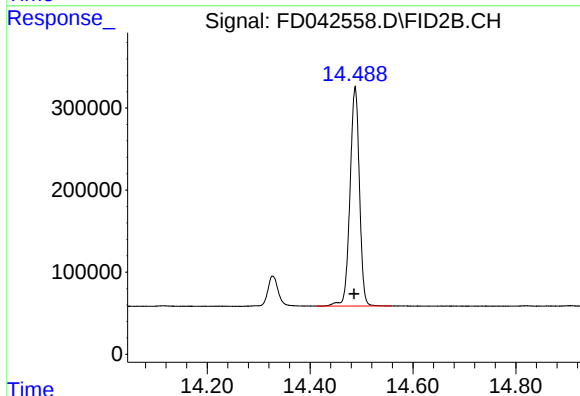
R.T.: 12.639 min
Delta R.T.: 0.000 min
Response: 2721254
Conc: 21.10 ug/ml



#13 n-Docosane (C22)

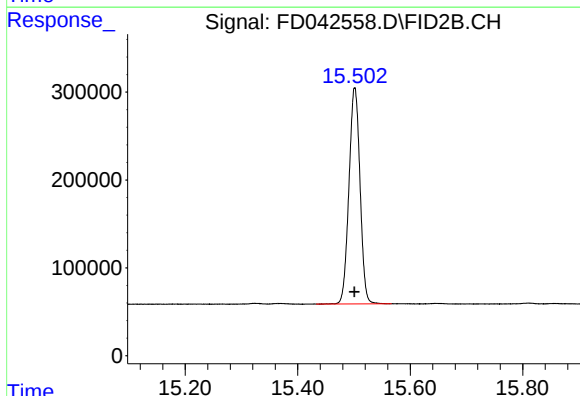
R.T.: 13.392 min
Delta R.T.: 0.000 min
Response: 3303380
Conc: 22.06 ug/ml

Instrument :
FID_D
ClientSampleId :



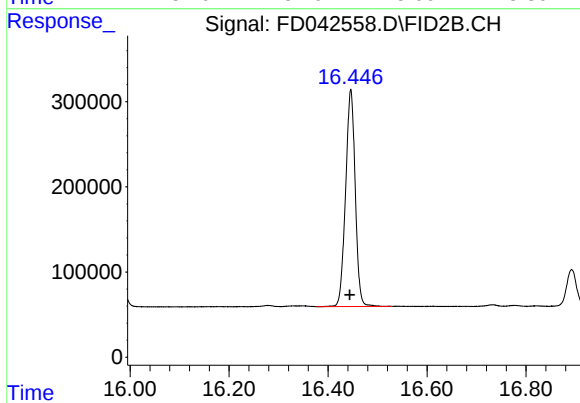
#14 n-Tetracosane (C24)

R.T.: 14.488 min
Delta R.T.: 0.002 min
Response: 3399119
Conc: 23.57 ug/ml



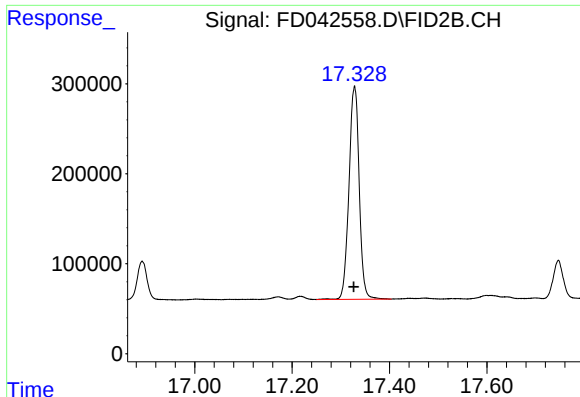
#15 n-Hexacosane (C26)

R.T.: 15.501 min
Delta R.T.: 0.000 min
Response: 3358227
Conc: 23.98 ug/ml



#16 n-Octacosane (C28)

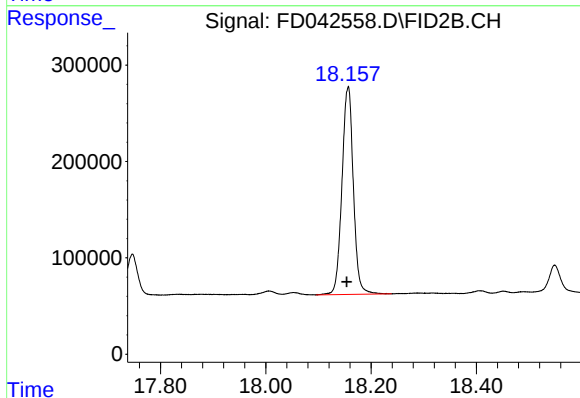
R.T.: 16.446 min
Delta R.T.: 0.002 min
Response: 3435477
Conc: 25.20 ug/ml



#17 n-Tricontane (C30)

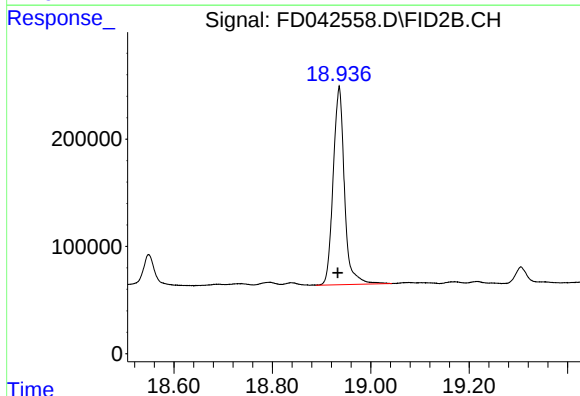
R.T.: 17.328 min
Delta R.T.: 0.002 min
Response: 3453895
Conc: 25.94 ug/ml

Instrument :
FID_D
ClientSampleId :



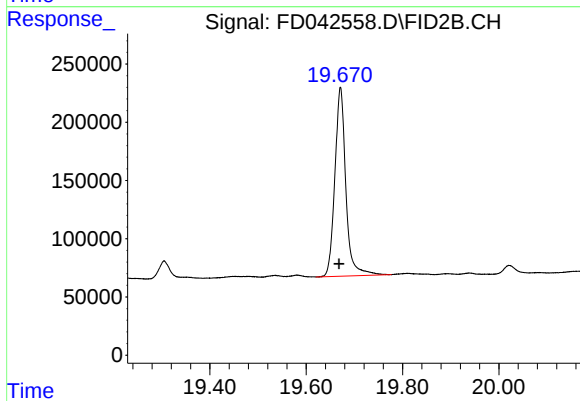
#18 n-Dotriacontane (C32)

R.T.: 18.157 min
Delta R.T.: 0.003 min
Response: 3232541
Conc: 25.40 ug/ml



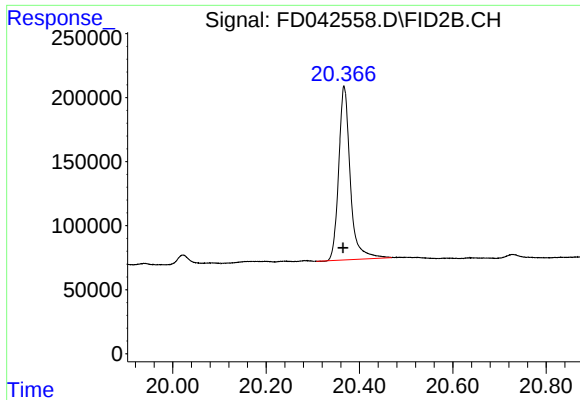
#19 n-Tetratriacontane (C34)

R.T.: 18.936 min
Delta R.T.: 0.003 min
Response: 2942054
Conc: 24.38 ug/ml



#20 n-Hexatriacontane (C36)

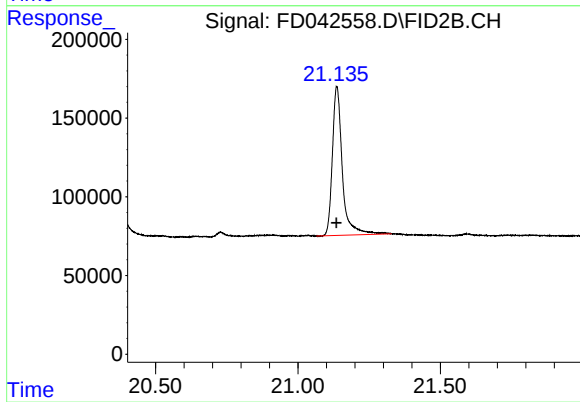
R.T.: 19.671 min
Delta R.T.: 0.003 min
Response: 2573005
Conc: 22.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.367 min
Delta R.T.: 0.002 min
Response: 2323163
Conc: 21.51 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.136 min
Delta R.T.: 0.001 min
Response: 2307587
Conc: 21.63 ug/ml