

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041922AL\
 Data File : FD042007.D
 Signal(s) : FID2B.CH
 Acq On : 20 Apr 2022 00:18
 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: Apr 20 01:37:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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

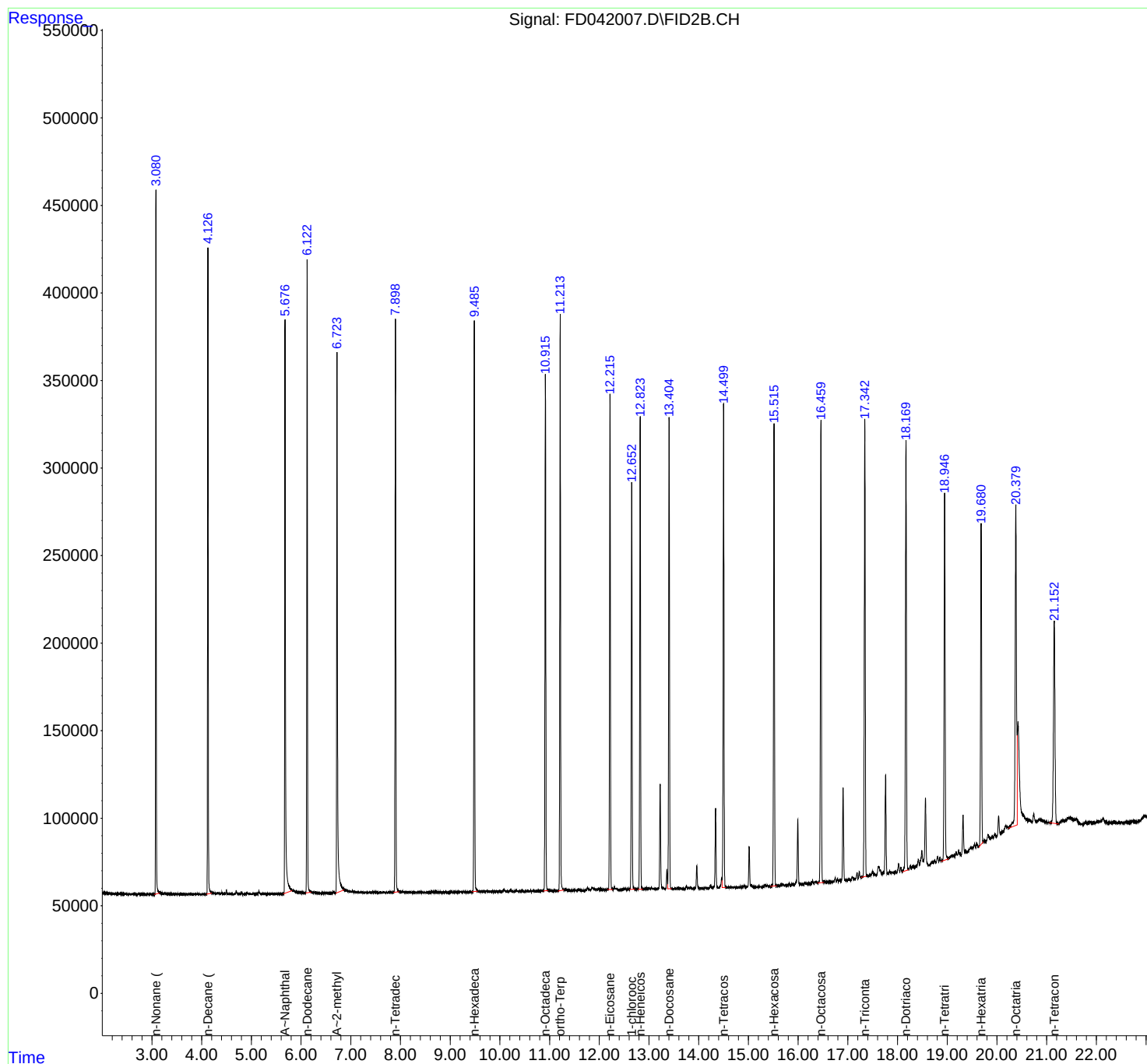
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.213	3594004	20.267 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
12) S 1-chlorooctadecane (S...	12.652	2776638	20.052 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T n-Nonane (C9)	3.080	3345481	22.743 ug/ml
2) T n-Decane (C10)	4.126	3367040	23.058 ug/ml
3) T A~Naphthalene (C11.7)	5.677	3576493	22.896 ug/ml
4) T n-Dodecane (C12)	6.122	3485695	23.140 ug/ml
5) T A~2-methylnaphthalene...	6.724	3570353	22.953 ug/ml
6) T n-Tetradecane (C14)	7.899	3485318	22.881 ug/ml
7) T n-Hexadecane (C16)	9.485	3479793	22.568 ug/ml
8) T n-Octadecane (C18)	10.915	3424933	21.738 ug/ml
10) T n-Eicosane (C20)	12.215	3315613	20.959 ug/ml
11) T n-Heneicosane (C21)	12.822	3242629	20.249 ug/ml
13) T n-Docosane (C22)	13.405	3312212	20.623 ug/ml
14) T n-Tetracosane (C24)	14.500	3370068	20.848 ug/ml
15) T n-Hexacosane (C26)	15.515	3430336	21.239 ug/ml
16) T n-Octacosane (C28)	16.459	3553617	22.076 ug/ml
17) T n-Tricontane (C30)	17.342	3618153	22.959 ug/ml
18) T n-Dotriacontane (C32)	18.170	3479202	23.446 ug/ml
19) T n-Tetratriacontane (C34)	18.947	3078615	22.977 ug/ml
20) T n-Hexatriacontane (C36)	19.682	2695797	22.513 ug/ml
21) T n-Octatriacontane (C38)	20.380	3420605	30.905 ug/ml
22) T n-Tetracontane (C40)	21.152	2410876	22.393 ug/ml

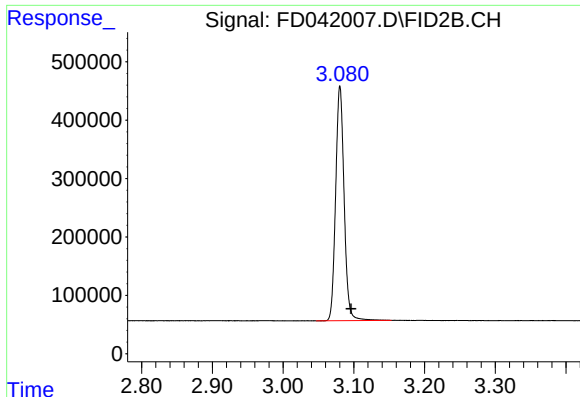
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

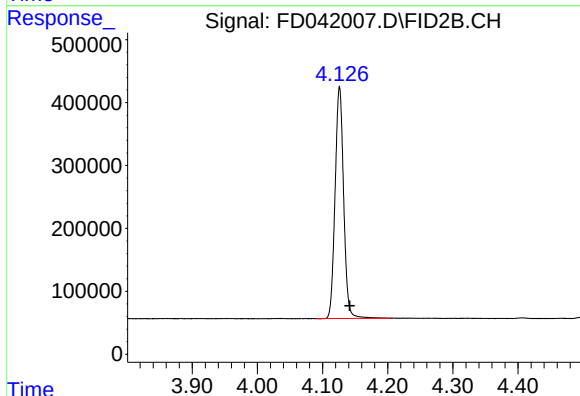




#1 n-Nonane (C9)

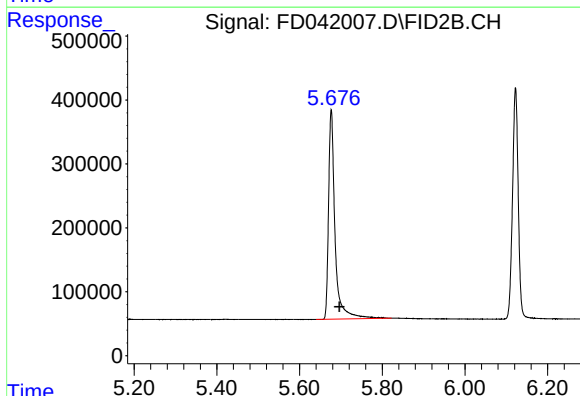
R.T.: 3.080 min
Delta R.T.: -0.016 min
Response: 3345481
Conc: 22.74 ug/ml

Instrument :
FID_D
ClientSampleId :



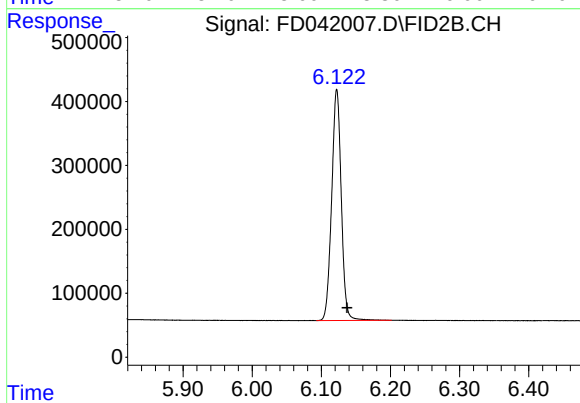
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: -0.016 min
Response: 3367040
Conc: 23.06 ug/ml



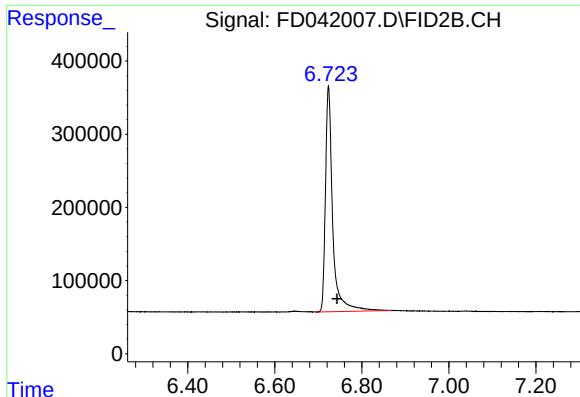
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.020 min
Response: 3576493
Conc: 22.90 ug/ml



#4 n-Dodecane (C12)

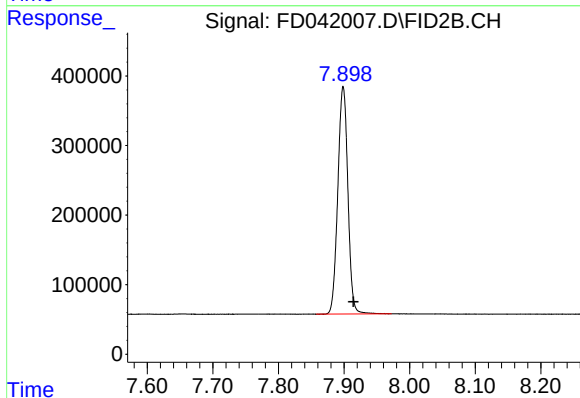
R.T.: 6.122 min
Delta R.T.: -0.015 min
Response: 3485695
Conc: 23.14 ug/ml



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

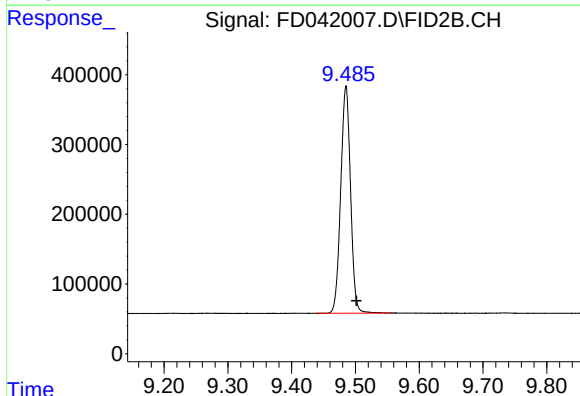
R.T.: 6.724 min
Delta R.T.: -0.020 min
Response: 3570353
Conc: 22.95 ug/ml

Instrument :
FID_D
ClientSampleId :



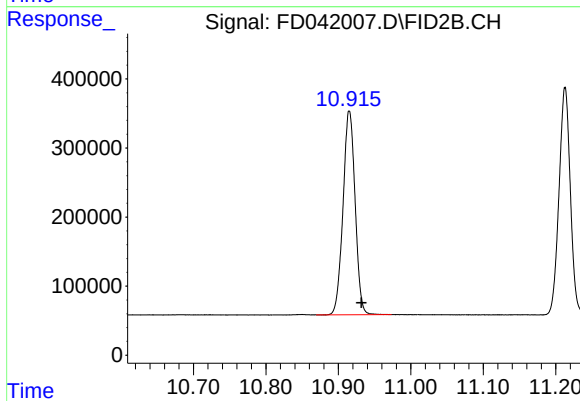
#6 n-Tetradecane (C14)

R.T.: 7.899 min
Delta R.T.: -0.016 min
Response: 3485318
Conc: 22.88 ug/ml



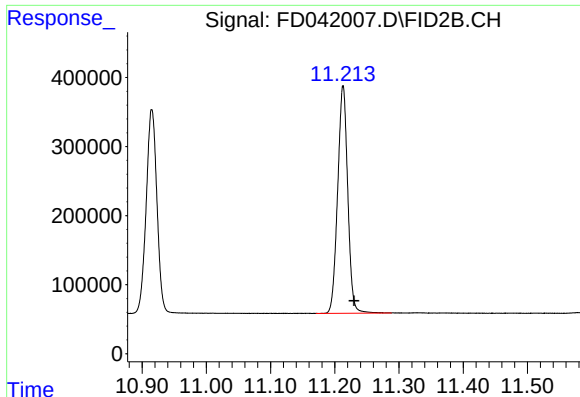
#7 n-Hexadecane (C16)

R.T.: 9.485 min
Delta R.T.: -0.016 min
Response: 3479793
Conc: 22.57 ug/ml



#8 n-Octadecane (C18)

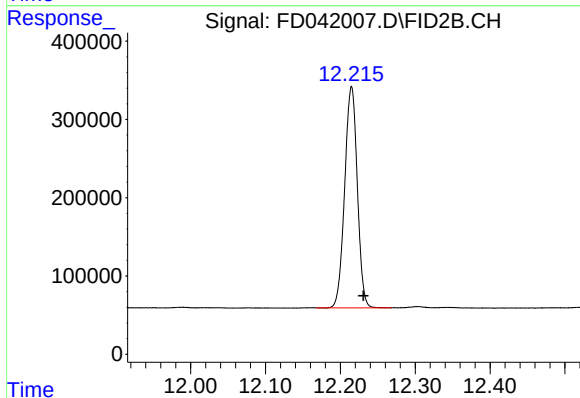
R.T.: 10.915 min
Delta R.T.: -0.017 min
Response: 3424933
Conc: 21.74 ug/ml



#9 ortho-Terphenyl (SURR)

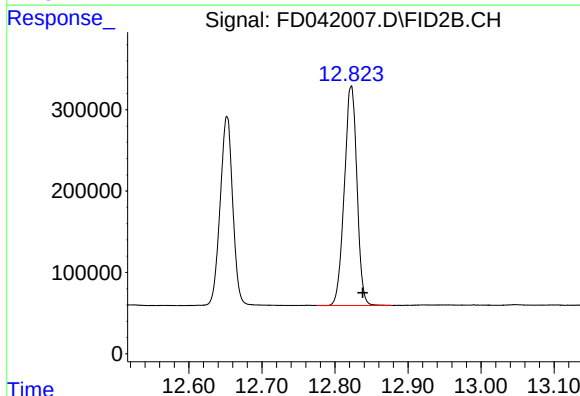
R.T.: 11.213 min
Delta R.T.: -0.017 min
Response: 3594004
Conc: 20.27 ug/ml

Instrument :
FID_D
ClientSampleId :



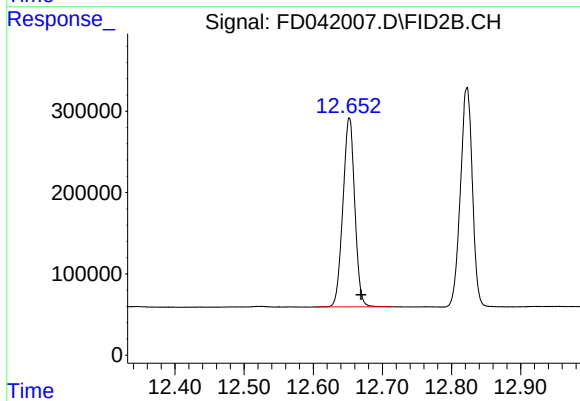
#10 n-Eicosane (C20)

R.T.: 12.215 min
Delta R.T.: -0.016 min
Response: 3315613
Conc: 20.96 ug/ml



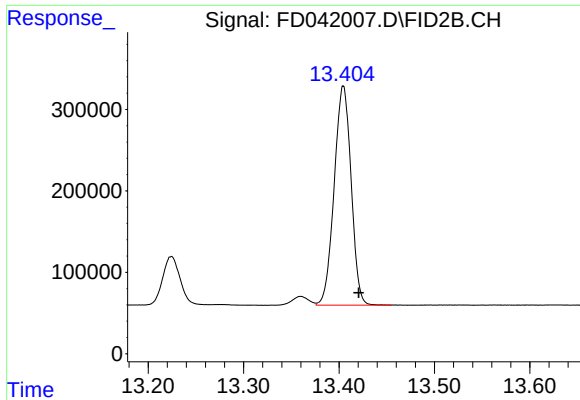
#11 n-Heneicosane (C21)

R.T.: 12.822 min
Delta R.T.: -0.016 min
Response: 3242629
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

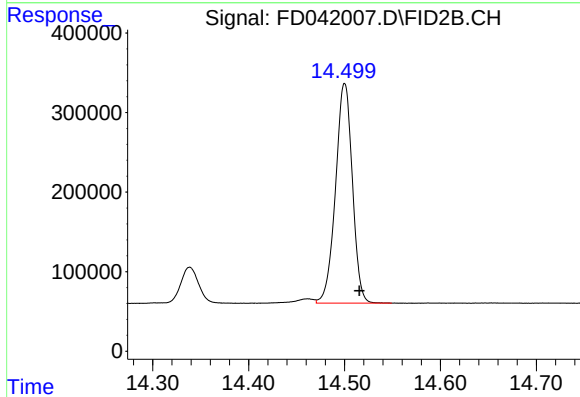
R.T.: 12.652 min
Delta R.T.: -0.017 min
Response: 2776638
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

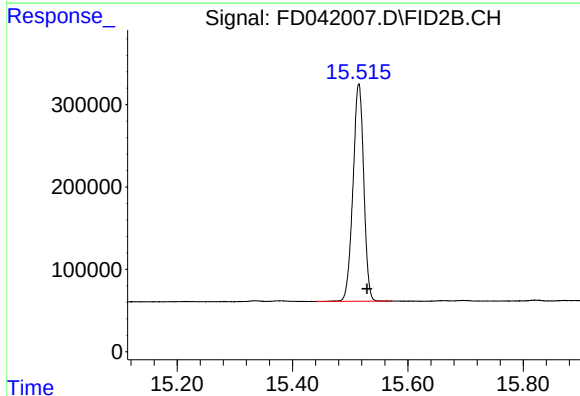
R.T.: 13.405 min
Delta R.T.: -0.016 min
Response: 3312212
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :



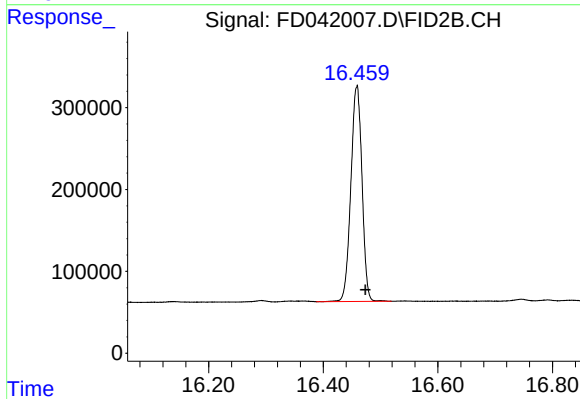
#14 n-Tetracosane (C24)

R.T.: 14.500 min
Delta R.T.: -0.015 min
Response: 3370068
Conc: 20.85 ug/ml



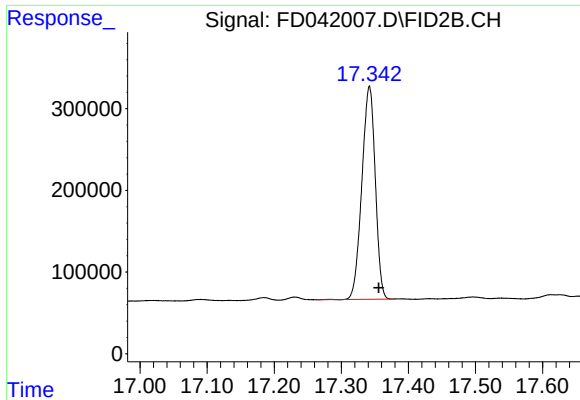
#15 n-Hexacosane (C26)

R.T.: 15.515 min
Delta R.T.: -0.014 min
Response: 3430336
Conc: 21.24 ug/ml



#16 n-Octacosane (C28)

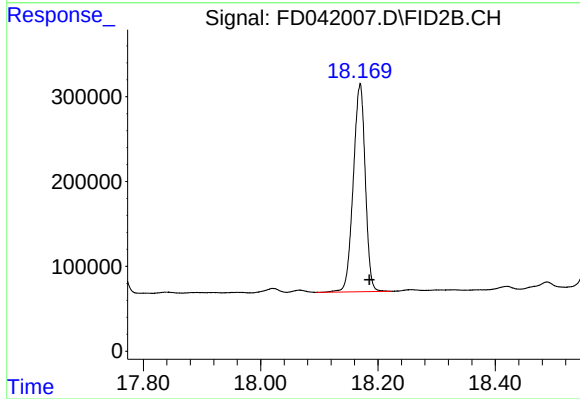
R.T.: 16.459 min
Delta R.T.: -0.015 min
Response: 3553617
Conc: 22.08 ug/ml



#17 n-Tricontane (C30)

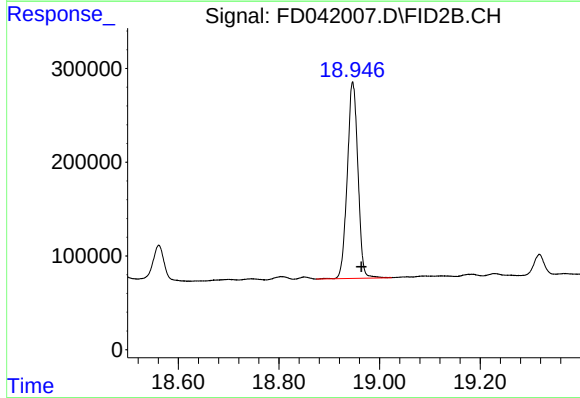
R.T.: 17.342 min
Delta R.T.: -0.014 min
Response: 3618153
Conc: 22.96 ug/ml

Instrument :
FID_D
ClientSampleId :



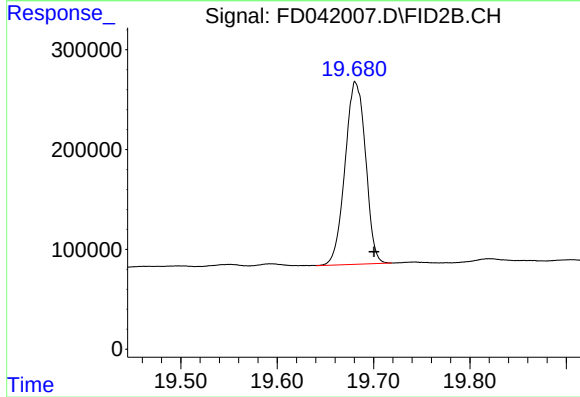
#18 n-Dotriacontane (C32)

R.T.: 18.170 min
Delta R.T.: -0.016 min
Response: 3479202
Conc: 23.45 ug/ml



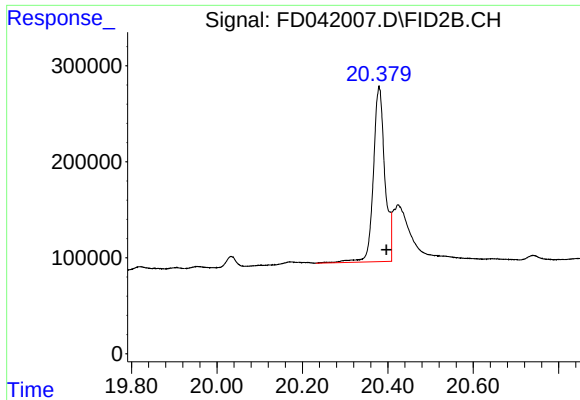
#19 n-Tetratriacontane (C34)

R.T.: 18.947 min
Delta R.T.: -0.018 min
Response: 3078615
Conc: 22.98 ug/ml



#20 n-Hexatriacontane (C36)

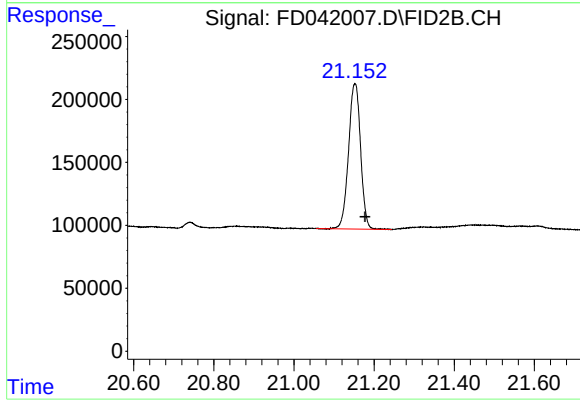
R.T.: 19.682 min
Delta R.T.: -0.019 min
Response: 2695797
Conc: 22.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.380 min
Delta R.T.: -0.017 min
Response: 3420605
Conc: 30.91 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.152 min
Delta R.T.: -0.025 min
Response: 2410876
Conc: 22.39 ug/ml