

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031122AL\
 Data File : FD041527.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2022 1:26
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 12 01:47:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.243	3481991	20.074 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
12) S 1-chlorooctadecane (S...	12.683	2696986	19.921 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.104	3119225	21.421 ug/ml
2) T n-Decane (C10)	4.150	3106034	21.511 ug/ml
3) T A~Naphthalene (C11.7)	5.702	3409100	21.341 ug/ml
4) T n-Dodecane (C12)	6.148	3203879	21.633 ug/ml
5) T A~2-methylnaphthalene...	6.749	3445429	21.530 ug/ml
6) T n-Tetradecane (C14)	7.925	3242604	21.660 ug/ml
7) T n-Hexadecane (C16)	9.513	3260393	21.417 ug/ml
8) T n-Octadecane (C18)	10.945	3260727	20.979 ug/ml
10) T n-Eicosane (C20)	12.245	3171627	20.430 ug/ml
11) T n-Heneicosane (C21)	12.854	3144797	20.084 ug/ml
13) T n-Docosane (C22)	13.436	3117354	19.905 ug/ml
14) T n-Tetracosane (C24)	14.533	3061324	19.517 ug/ml
15) T n-Hexacosane (C26)	15.549	2948360	19.190 ug/ml
16) T n-Octacosane (C28)	16.492	2891095	19.426 ug/ml
17) T n-Tricontane (C30)	17.376	2853140	20.278 ug/ml
18) T n-Dotriacontane (C32)	18.204	2697369	21.201 ug/ml
19) T n-Tetratriacontane (C34)	18.984	2521410	22.138 ug/ml
20) T n-Hexatriacontane (C36)	19.722	2364933	23.074 ug/ml
21) T n-Octatriacontane (C38)	20.420	3040802	32.027 ug/ml
22) T n-Tetracontane (C40)	21.208	2209591	23.315 ug/ml

(f)=RT Delta > 1/2 Window

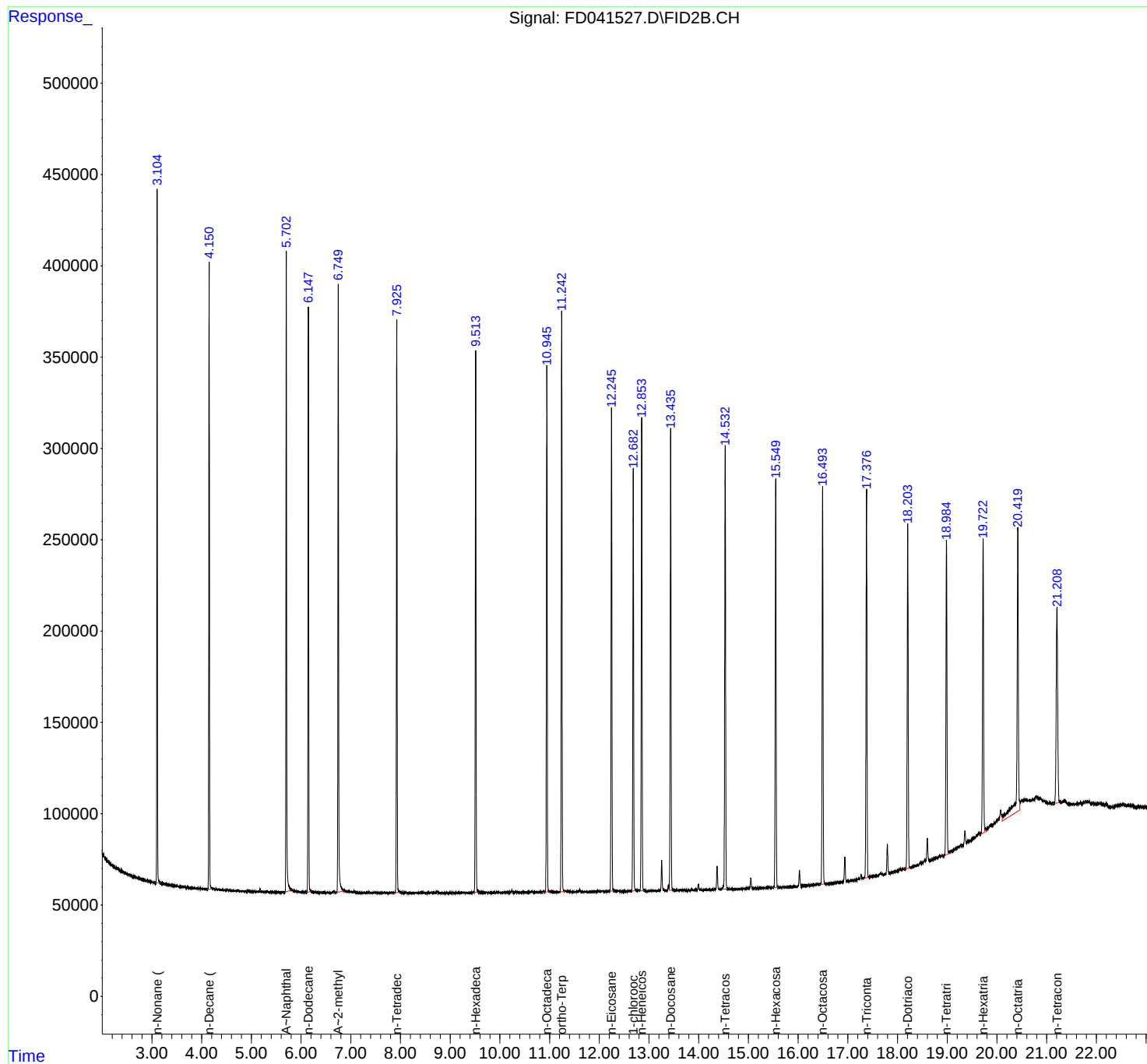
(m)=manual int.

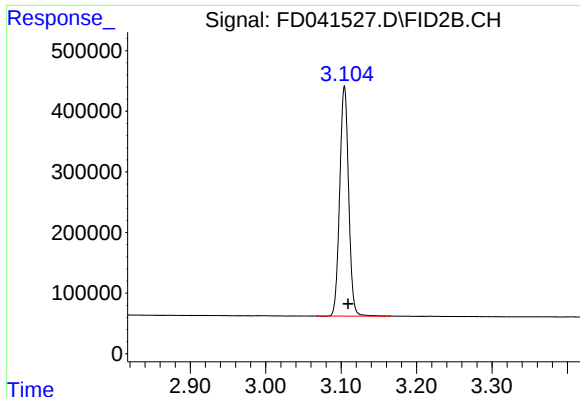
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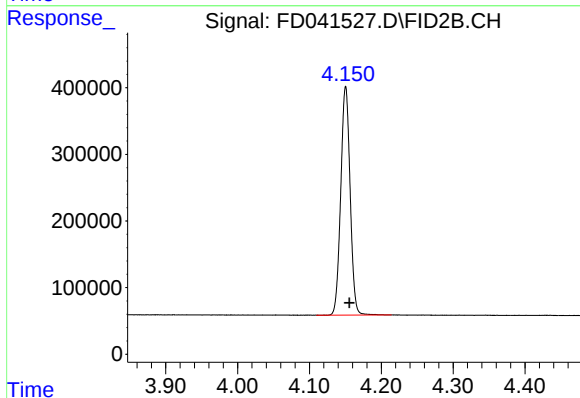




#1 n-Nonane (C9)

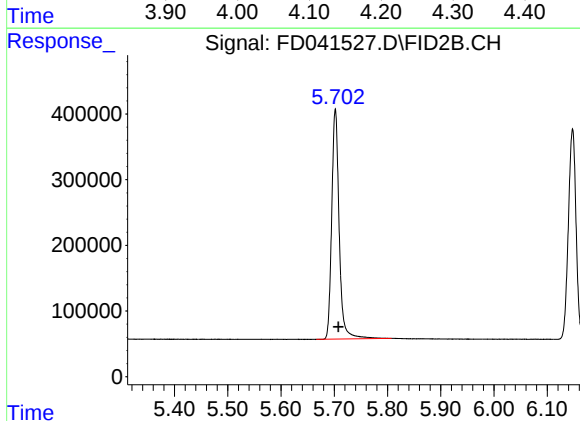
R.T.: 3.104 min
Delta R.T.: -0.005 min
Response: 3119225
Conc: 21.42 ug/ml

Instrument :
FID_D
ClientSampleId :



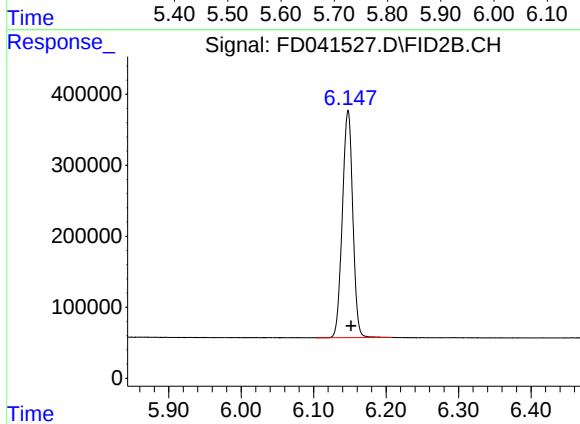
#2 n-Decane (C10)

R.T.: 4.150 min
Delta R.T.: -0.005 min
Response: 3106034
Conc: 21.51 ug/ml



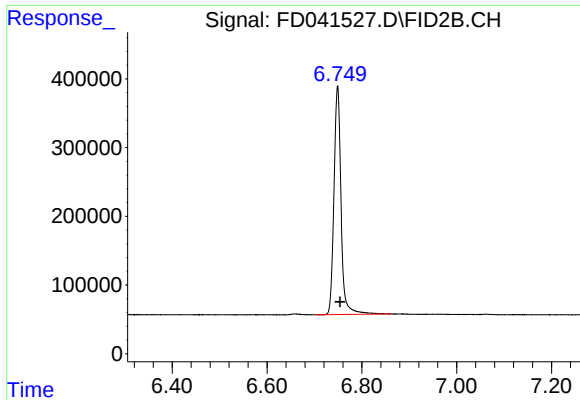
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.006 min
Response: 3409100
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

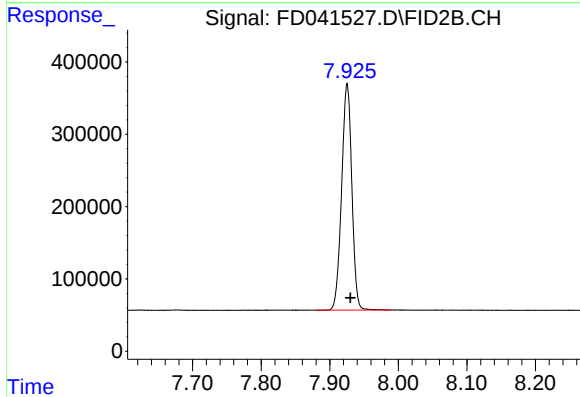
R.T.: 6.148 min
Delta R.T.: -0.004 min
Response: 3203879
Conc: 21.63 ug/ml



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

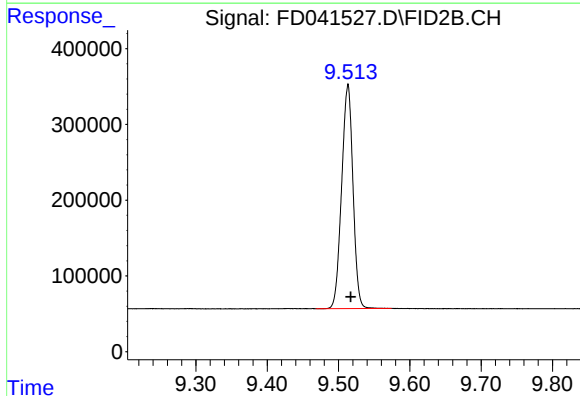
R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 3445429
Conc: 21.53 ug/ml

Instrument :
FID_D
ClientSampleId :



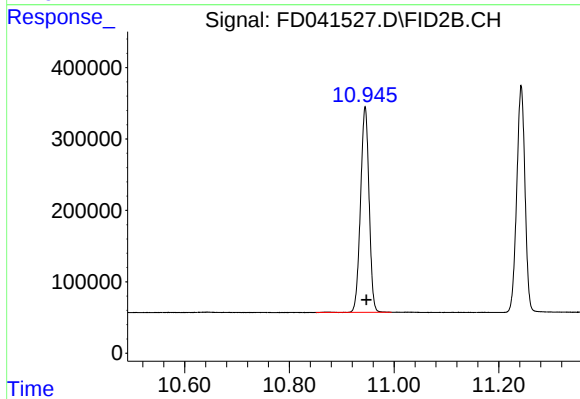
#6 n-Tetradecane (C14)

R.T.: 7.925 min
Delta R.T.: -0.005 min
Response: 3242604
Conc: 21.66 ug/ml



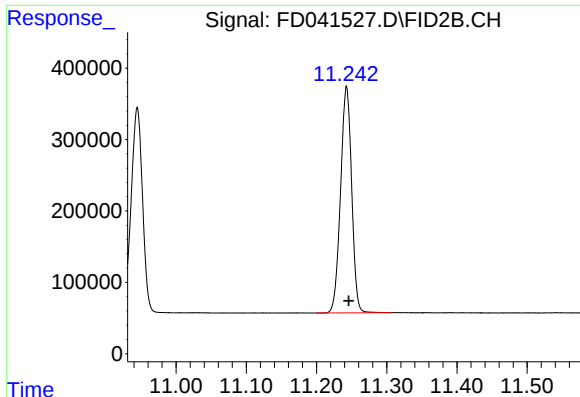
#7 n-Hexadecane (C16)

R.T.: 9.513 min
Delta R.T.: -0.004 min
Response: 3260393
Conc: 21.42 ug/ml



#8 n-Octadecane (C18)

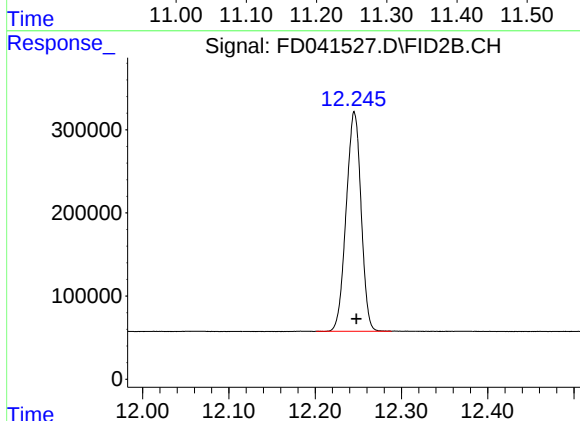
R.T.: 10.945 min
Delta R.T.: -0.003 min
Response: 3260727
Conc: 20.98 ug/ml



#9 ortho-Terphenyl (SURR)

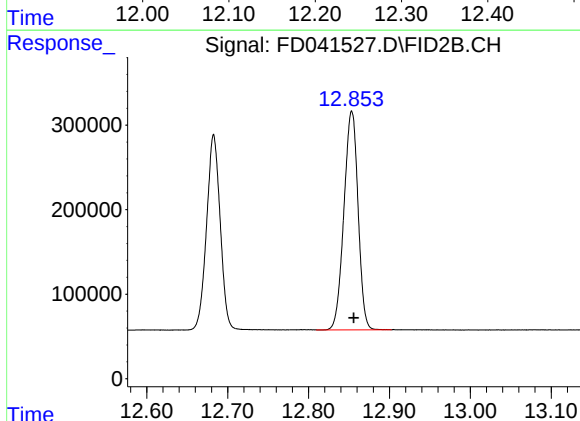
R.T.: 11.243 min
Delta R.T.: -0.003 min
Response: 3481991
Conc: 20.07 ug/ml

Instrument :
FID_D
ClientSampleId :



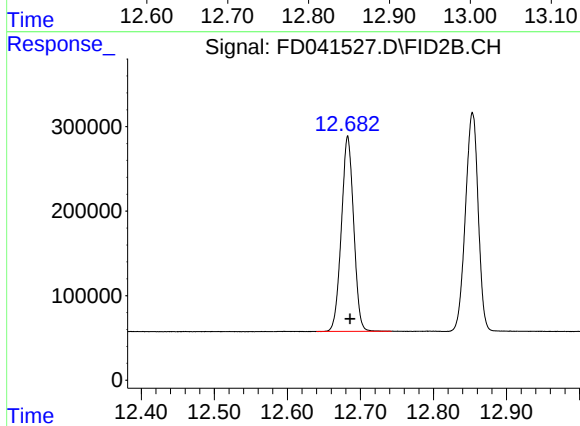
#10 n-Eicosane (C20)

R.T.: 12.245 min
Delta R.T.: -0.002 min
Response: 3171627
Conc: 20.43 ug/ml



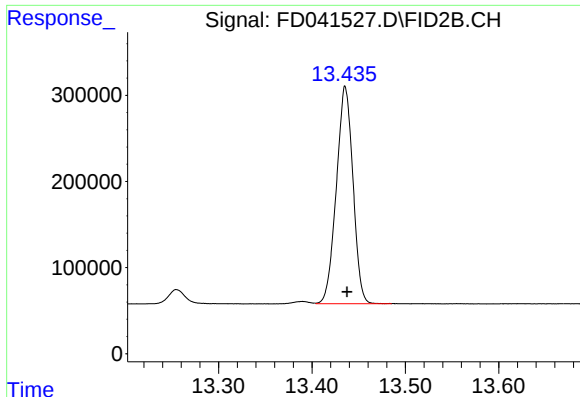
#11 n-Heneicosane (C21)

R.T.: 12.854 min
Delta R.T.: -0.002 min
Response: 3144797
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

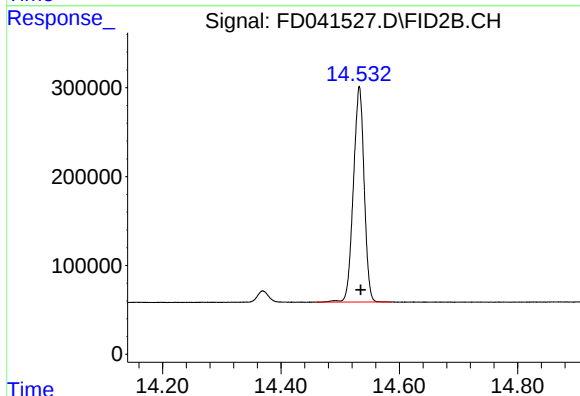
R.T.: 12.683 min
Delta R.T.: -0.003 min
Response: 2696986
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

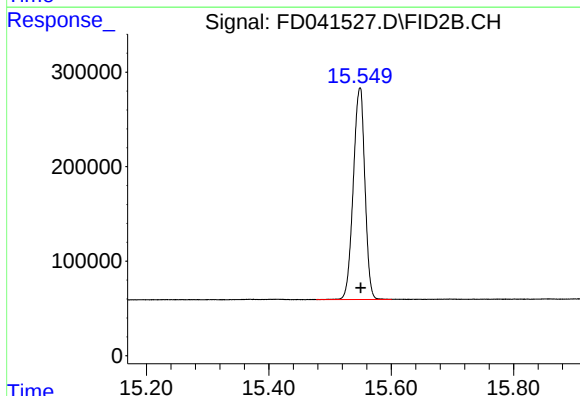
R.T.: 13.436 min
Delta R.T.: -0.002 min
Response: 3117354
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :



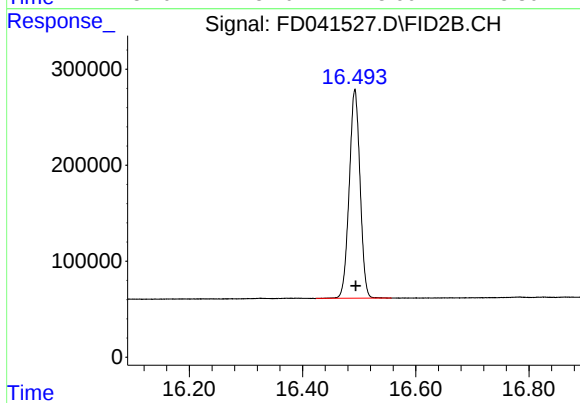
#14 n-Tetracosane (C24)

R.T.: 14.533 min
Delta R.T.: -0.002 min
Response: 3061324
Conc: 19.52 ug/ml



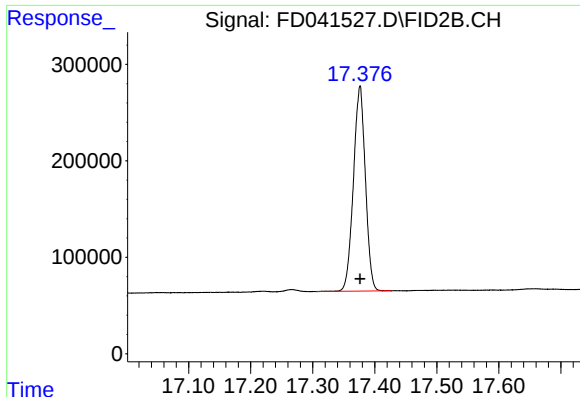
#15 n-Hexacosane (C26)

R.T.: 15.549 min
Delta R.T.: 0.000 min
Response: 2948360
Conc: 19.19 ug/ml



#16 n-Octacosane (C28)

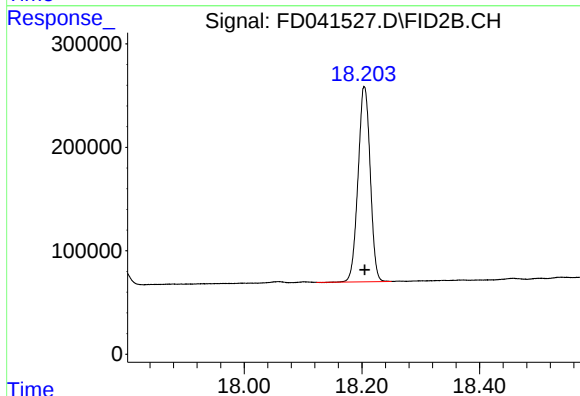
R.T.: 16.492 min
Delta R.T.: -0.002 min
Response: 2891095
Conc: 19.43 ug/ml



#17 n-Tricontane (C30)

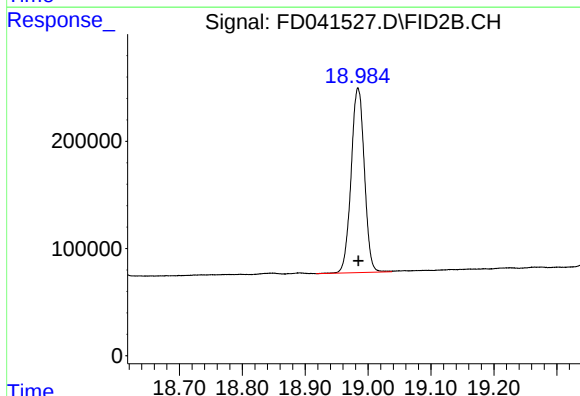
R.T.: 17.376 min
Delta R.T.: 0.000 min
Response: 2853140
Conc: 20.28 ug/ml

Instrument :
FID_D
ClientSampleId :



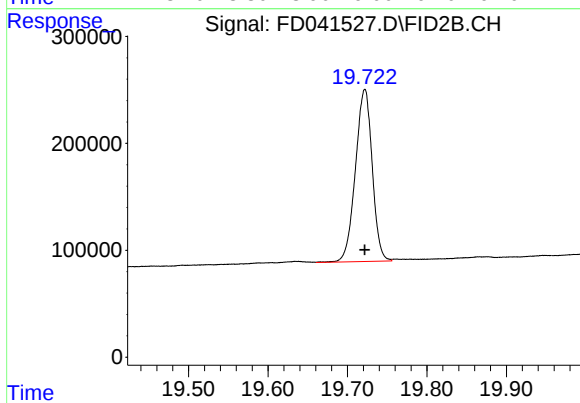
#18 n-Dotriacontane (C32)

R.T.: 18.204 min
Delta R.T.: 0.000 min
Response: 2697369
Conc: 21.20 ug/ml



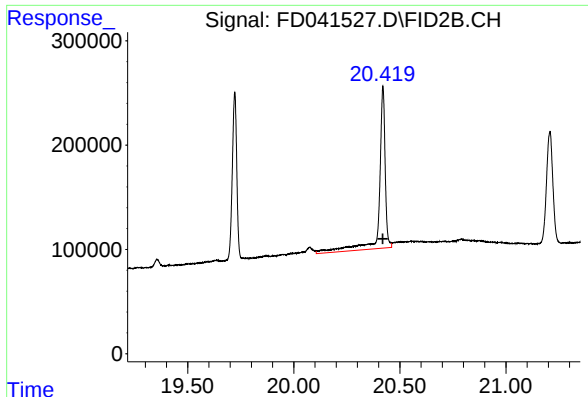
#19 n-Tetratriacontane (C34)

R.T.: 18.984 min
Delta R.T.: 0.000 min
Response: 2521410
Conc: 22.14 ug/ml



#20 n-Hexatriacontane (C36)

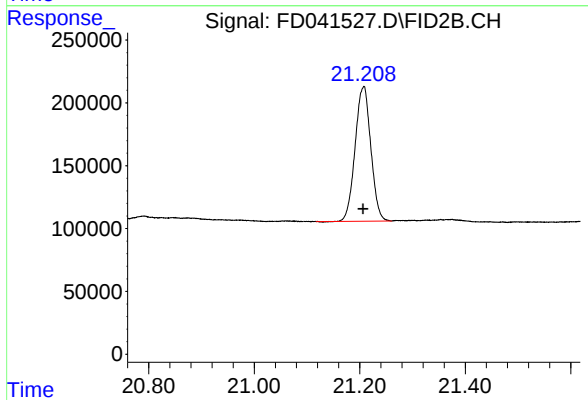
R.T.: 19.722 min
Delta R.T.: 0.000 min
Response: 2364933
Conc: 23.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.420 min
Delta R.T.: 0.001 min
Response: 3040802
Conc: 32.03 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.208 min
Delta R.T.: 0.001 min
Response: 2209591
Conc: 23.31 ug/ml