

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040320AL\
 Data File : FD032812.D
 Signal(s) : FID2B.CH
 Acq On : 03 Apr 2020 21:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 04 02:28:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030420.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 05 10:06:03 2020
 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)	11.504	2792736	19.468 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
12) S 1-chlorooctadecane (S...	12.934	2126376	19.036 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T n-Nonane (C9)	3.313	2917275	22.977 ug/ml
2) T n-Decane (C10)	4.372	2940708	23.091 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3130146	22.059 ug/ml
4) T n-Dodecane (C12)	6.379	2947982	22.650 ug/ml
5) T A~2-methylnaphthalene...	6.998	3103676	21.451 ug/ml
6) T n-Tetradecane (C14)	8.164	2885227	21.922 ug/ml
7) T n-Hexadecane (C16)	9.756	2799113	21.133 ug/ml
8) T n-Octadecane (C18)	11.190	2701886	20.321 ug/ml
10) T n-Eicosane (C20)	12.492	2593583	19.629 ug/ml
11) T n-Heneicosane (C21)	13.101	2550673	19.246 ug/ml
13) T n-Docosane (C22)	13.684	2498034	19.046 ug/ml
14) T n-Tetracosane (C24)	14.783	2446614	18.793 ug/ml
15) T n-Hexacosane (C26)	15.798	2408103	18.904 ug/ml
16) T n-Octacosane (C28)	16.742	2373445	19.189 ug/ml
17) T n-Tricontane (C30)	17.626	2324322	19.744 ug/ml
18) T n-Dotriacontane (C32)	18.454	2019518	20.224 ug/ml
19) T n-Tetratriacontane (C34)	19.233	1750523	20.675 ug/ml
20) T n-Hexatriacontane (C36)	19.969	1649813	21.214 ug/ml
21) T n-Octatriacontane (C38)	20.681	1596855	21.585 ug/ml
22) T n-Tetracontane (C40)	21.540	1649700	20.357 ug/ml

(f)=RT Delta > 1/2 Window

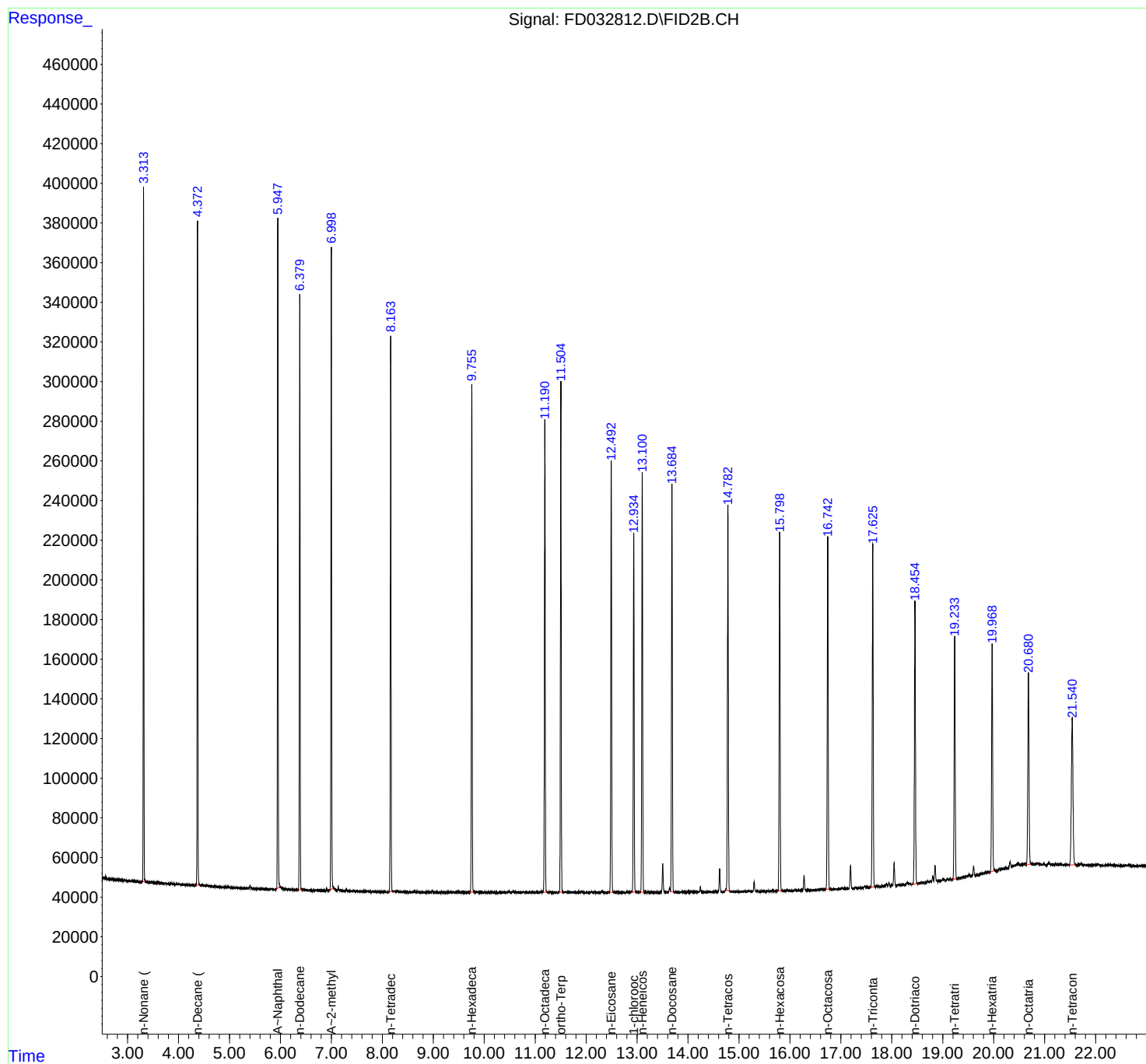
(m)=manual int.

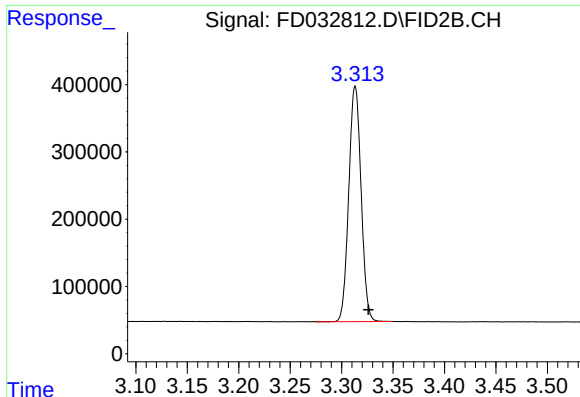
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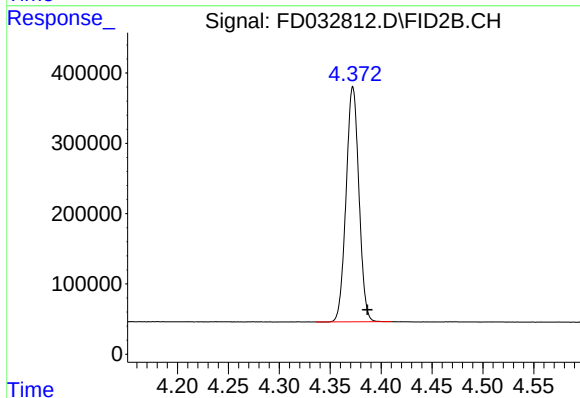




#1 n-Nonane (C9)

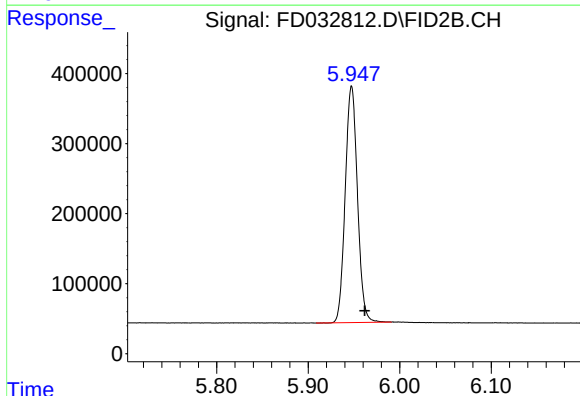
R.T.: 3.313 min
Delta R.T.: -0.013 min
Response: 2917275
Conc: 22.98 ug/ml

Instrument :
FID_D
ClientSampleId :



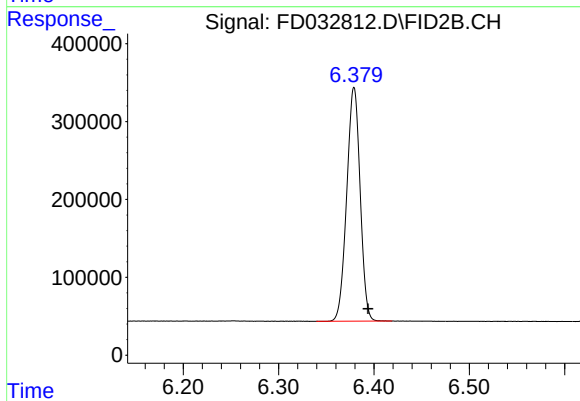
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.014 min
Response: 2940708
Conc: 23.09 ug/ml



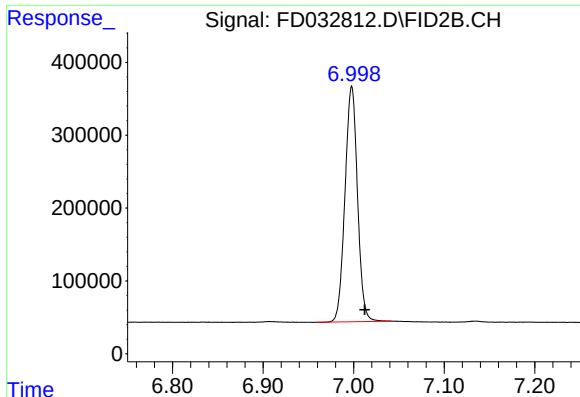
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.014 min
Response: 3130146
Conc: 22.06 ug/ml



#4 n-Dodecane (C12)

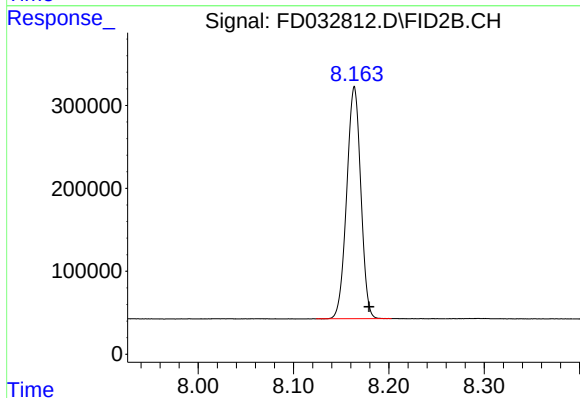
R.T.: 6.379 min
Delta R.T.: -0.015 min
Response: 2947982
Conc: 22.65 ug/ml



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

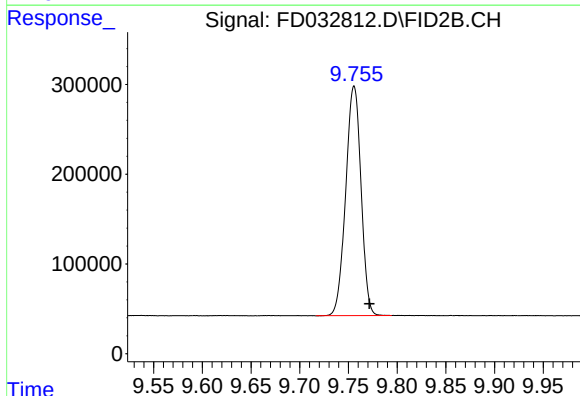
R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 3103676
Conc: 21.45 ug/ml

Instrument :
FID_D
ClientSampleId :



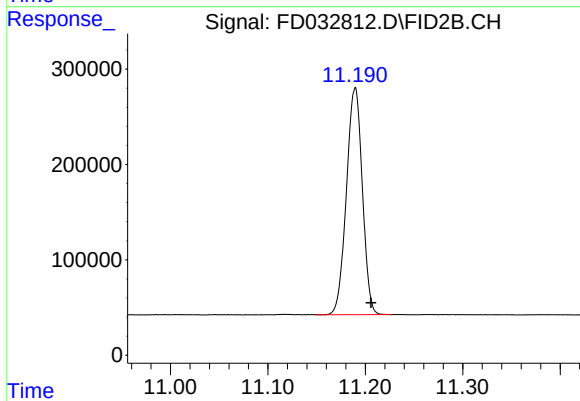
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.016 min
Response: 2885227
Conc: 21.92 ug/ml



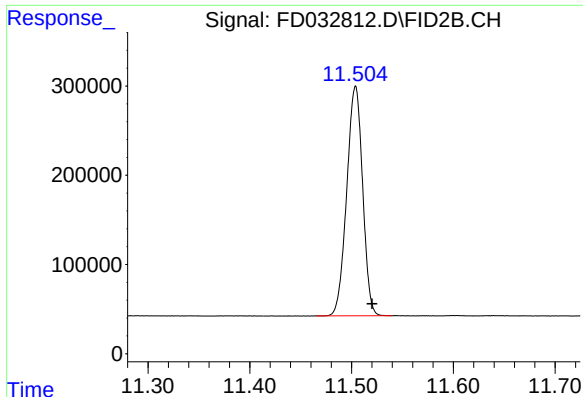
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: -0.016 min
Response: 2799113
Conc: 21.13 ug/ml



#8 n-Octadecane (C18)

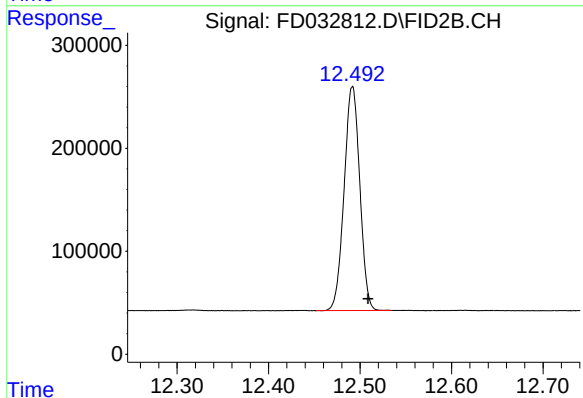
R.T.: 11.190 min
Delta R.T.: -0.016 min
Response: 2701886
Conc: 20.32 ug/ml



#9 ortho-Terphenyl (SURR)

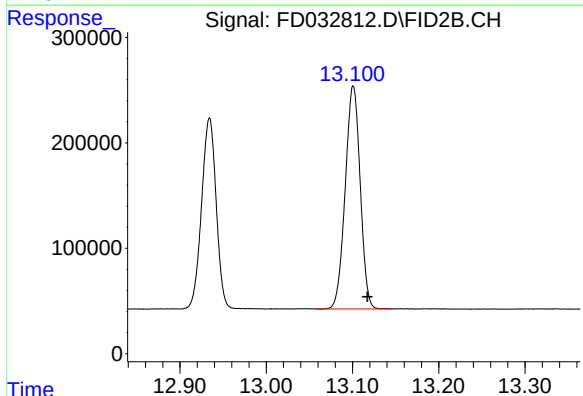
R.T.: 11.504 min
Delta R.T.: -0.016 min
Response: 2792736
Conc: 19.47 ug/ml

Instrument :
FID_D
ClientSampleId :



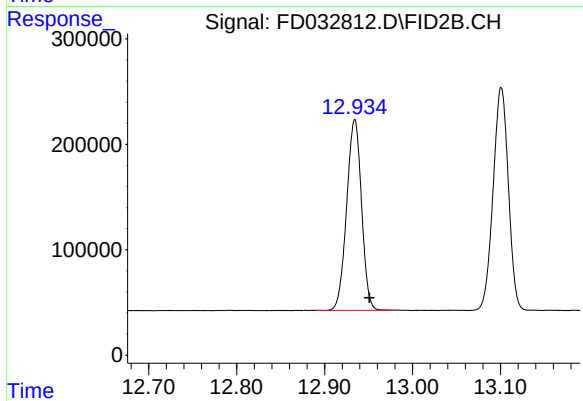
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.017 min
Response: 2593583
Conc: 19.63 ug/ml



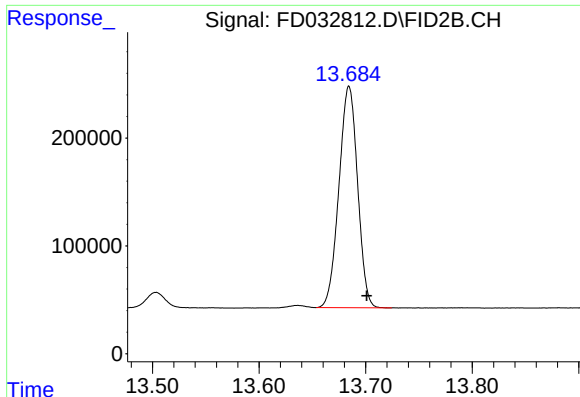
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: -0.016 min
Response: 2550673
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

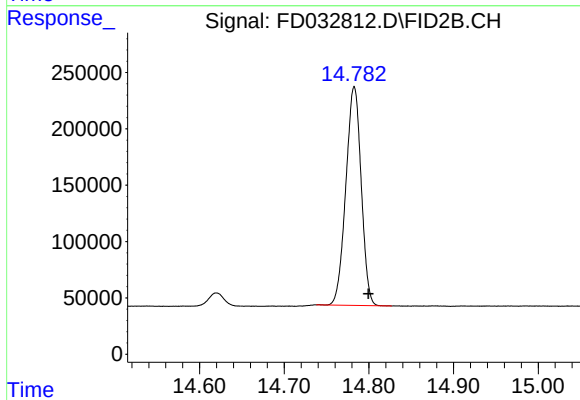
R.T.: 12.934 min
Delta R.T.: -0.016 min
Response: 2126376
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

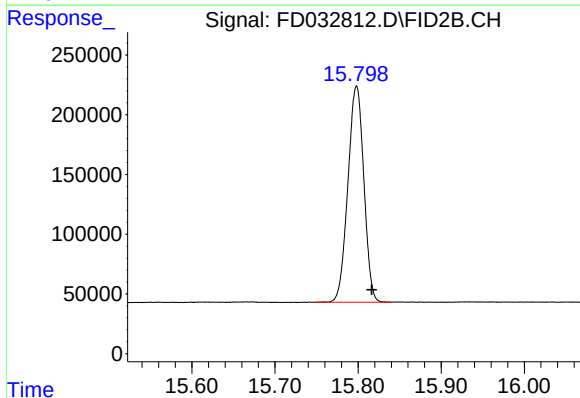
R.T.: 13.684 min
Delta R.T.: -0.017 min
Response: 2498034
Conc: 19.05 ug/ml

Instrument :
FID_D
ClientSampleId :



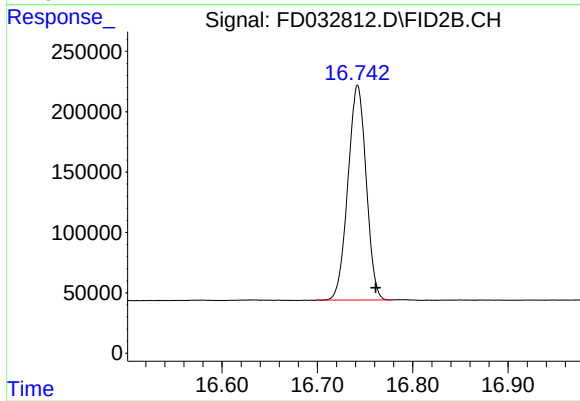
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.017 min
Response: 2446614
Conc: 18.79 ug/ml



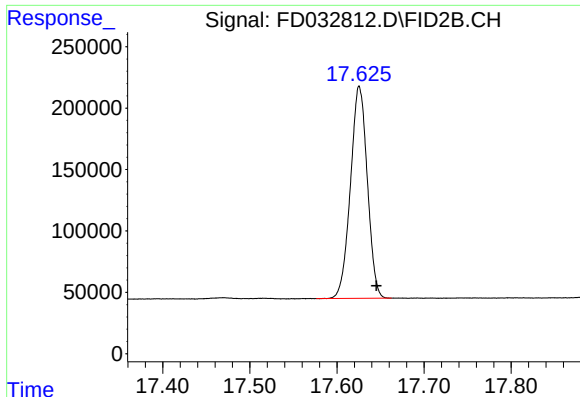
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: -0.018 min
Response: 2408103
Conc: 18.90 ug/ml



#16 n-Octacosane (C28)

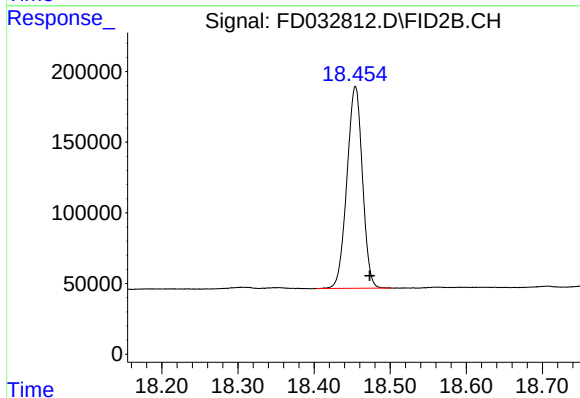
R.T.: 16.742 min
Delta R.T.: -0.019 min
Response: 2373445
Conc: 19.19 ug/ml



#17 n-Tricontane (C30)

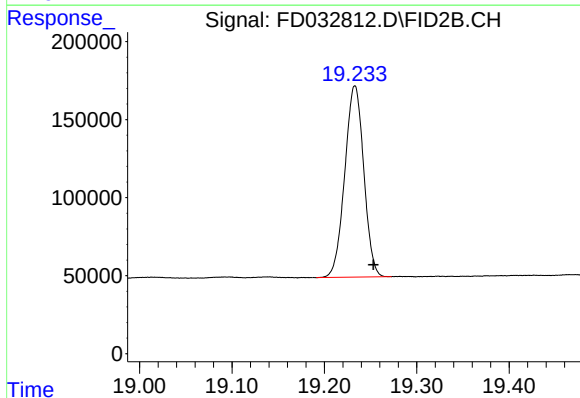
R.T.: 17.626 min
Delta R.T.: -0.020 min
Response: 2324322
Conc: 19.74 ug/ml

Instrument :
FID_D
ClientSampleId :



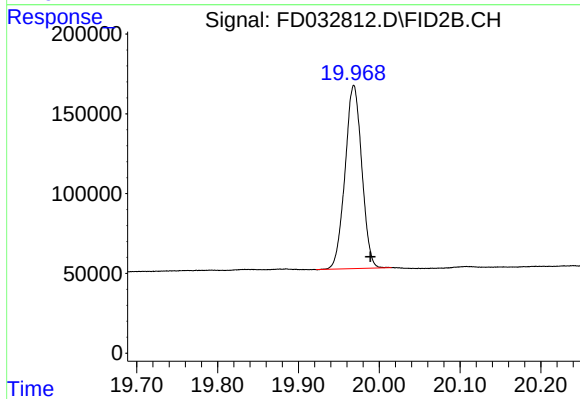
#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: -0.019 min
Response: 2019518
Conc: 20.22 ug/ml



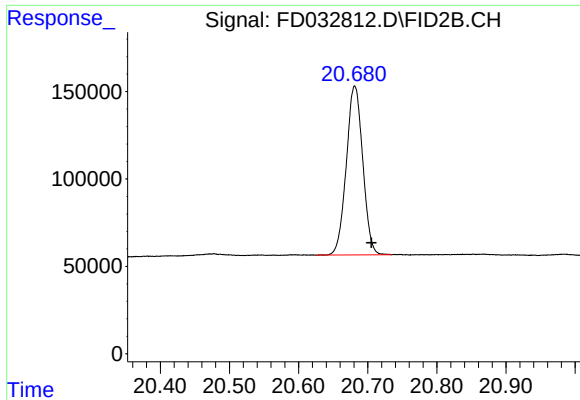
#19 n-Tetratriacontane (C34)

R.T.: 19.233 min
Delta R.T.: -0.020 min
Response: 1750523
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

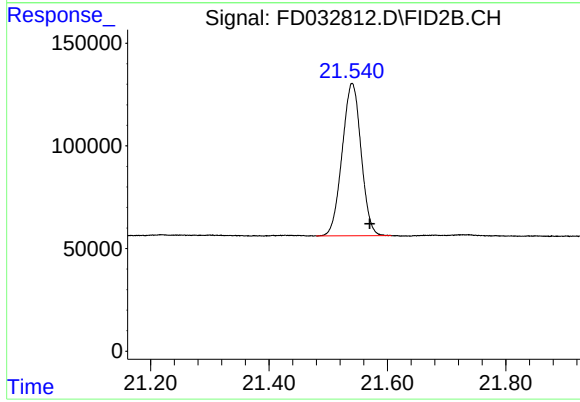
R.T.: 19.969 min
Delta R.T.: -0.021 min
Response: 1649813
Conc: 21.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: -0.024 min
Response: 1596855
Conc: 21.58 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.540 min
Delta R.T.: -0.030 min
Response: 1649700
Conc: 20.36 ug/ml