

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012021AL\
 Data File : FD036116.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jan 2021 10:55
 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: Jan 21 00:07:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 2021
 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)	11.524	2909718	19.629 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	12.956	2263126	19.240 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.314	2796160	21.690 ug/ml
2) T n-Decane (C10)	4.378	2836868	21.802 ug/ml
3) T A~Naphthalene (C11.7)	5.957	3167591	21.629 ug/ml
4) T n-Dodecane (C12)	6.391	2893959	21.762 ug/ml
5) T A~2-methylnaphthalene...	7.010	3219886	21.438 ug/ml
6) T n-Tetradecane (C14)	8.180	2871119	21.486 ug/ml
7) T n-Hexadecane (C16)	9.775	2772207	20.946 ug/ml
8) T n-Octadecane (C18)	11.210	2807498	20.405 ug/ml
10) T n-Eicosane (C20)	12.514	2725510	19.726 ug/ml
11) T n-Heneicosane (C21)	13.123	2668574	19.311 ug/ml
13) T n-Docosane (C22)	13.707	2607902	18.995 ug/ml
14) T n-Tetracosane (C24)	14.805	2499745	18.388 ug/ml
15) T n-Hexacosane (C26)	15.822	2377528	17.909 ug/ml
16) T n-Octacosane (C28)	16.767	2278111	17.607 ug/ml
17) T n-Tricontane (C30)	17.650	2197411	17.822 ug/ml
18) T n-Dotriacontane (C32)	18.477	2039117	18.501 ug/ml
19) T n-Tetratriacontane (C34)	19.258	1943762	19.608 ug/ml
20) T n-Hexatriacontane (C36)	19.992	1863958	20.724 ug/ml
21) T n-Octatriacontane (C38)	20.707	1807313	21.753 ug/ml
22) T n-Tetracontane (C40)	21.572	1890196	22.474 ug/ml

(f)=RT Delta > 1/2 Window

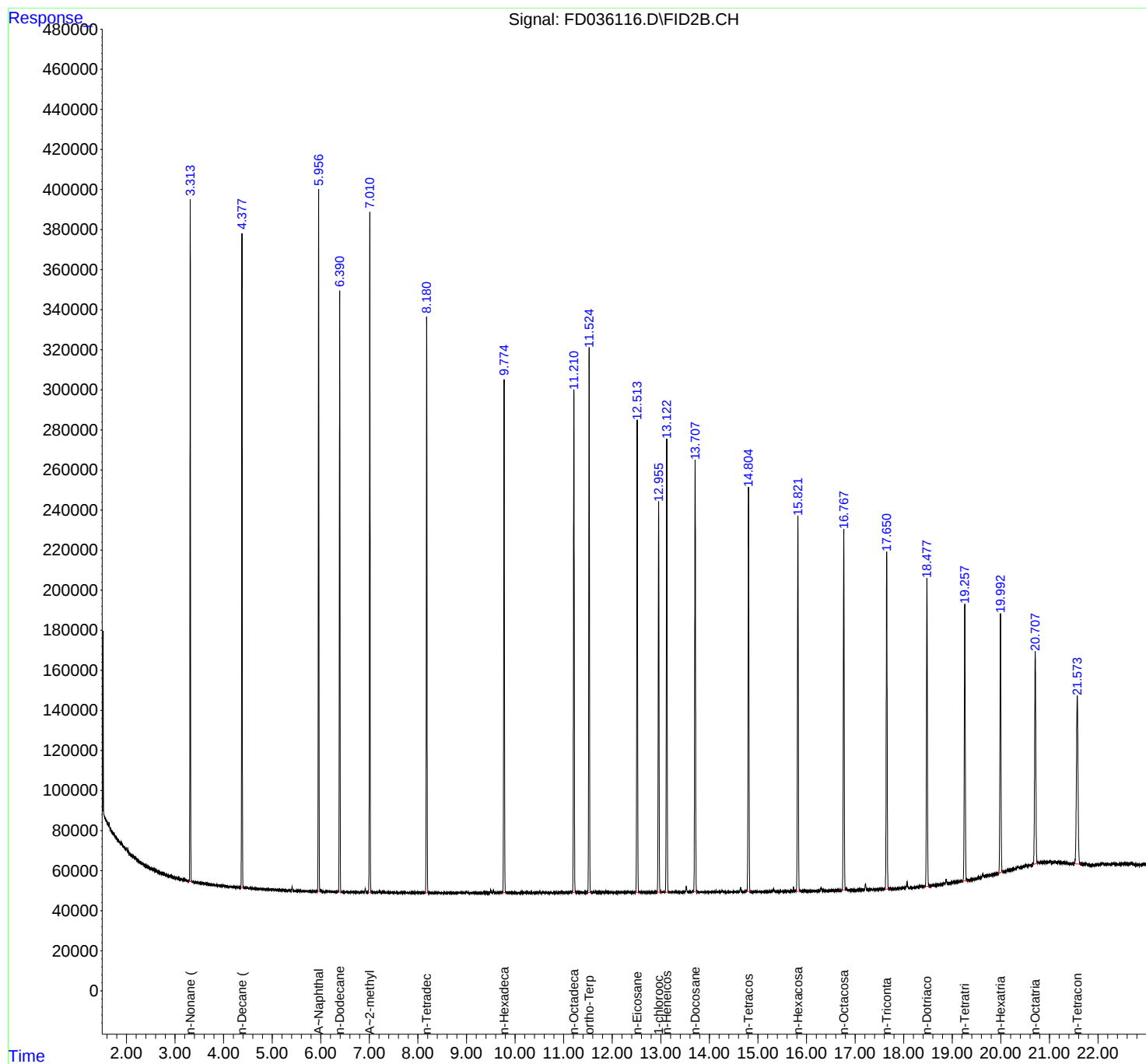
(m)=manual int.

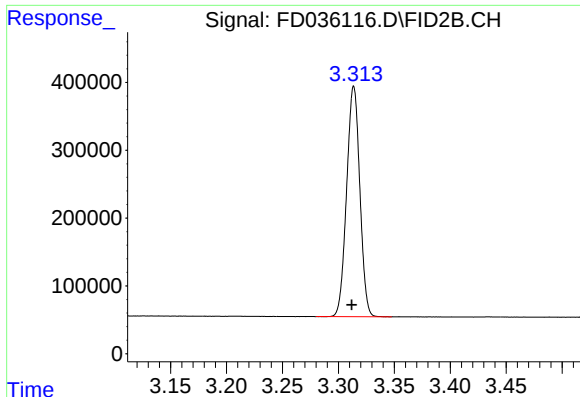
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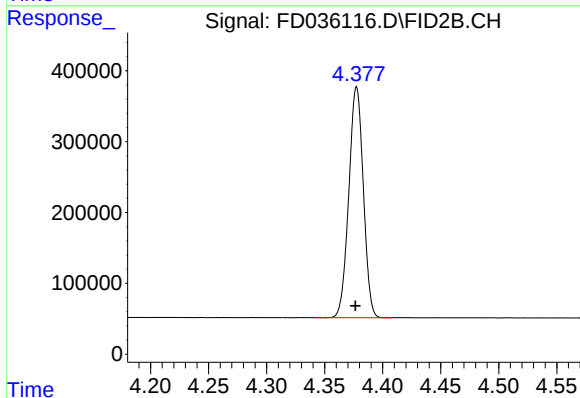




#1 n-Nonane (C9)

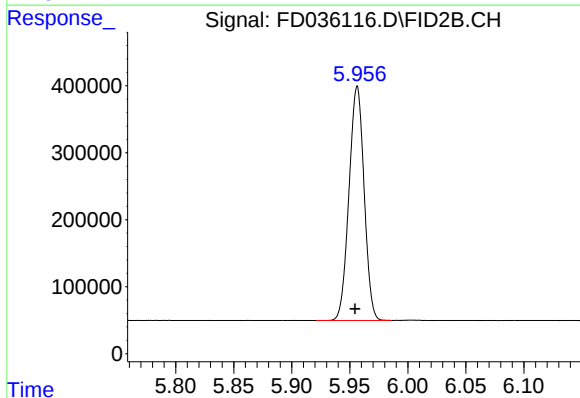
R.T.: 3.314 min
Delta R.T.: 0.002 min
Response: 2796160
Conc: 21.69 ug/ml

Instrument :
FID_D
ClientSampleId :



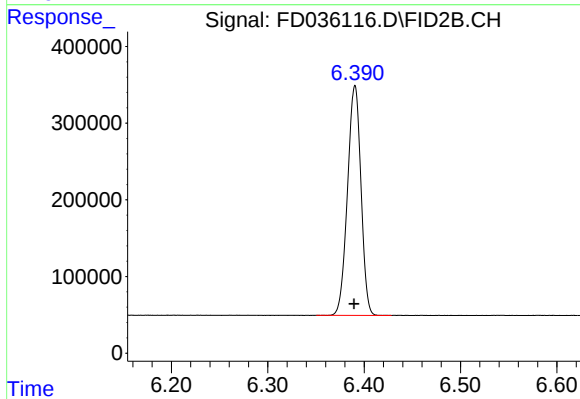
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.001 min
Response: 2836868
Conc: 21.80 ug/ml



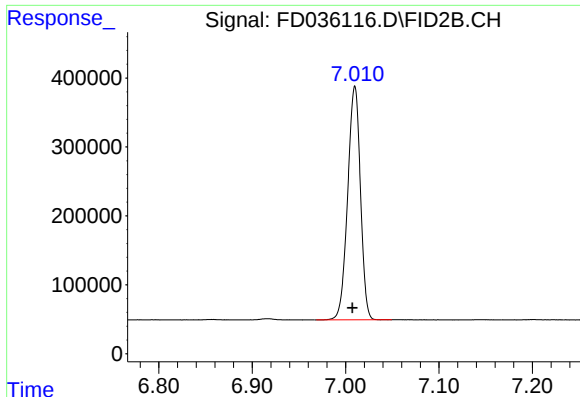
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 3167591
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

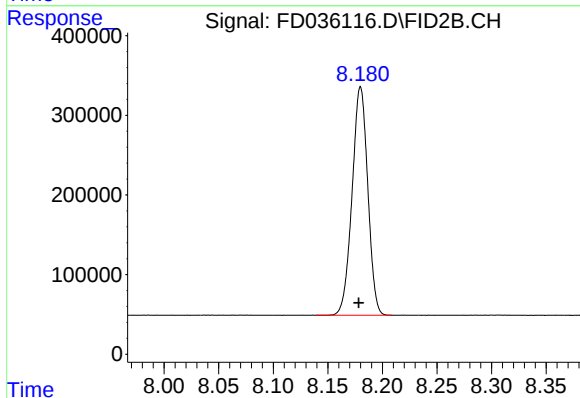
R.T.: 6.391 min
Delta R.T.: 0.001 min
Response: 2893959
Conc: 21.76 ug/ml



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

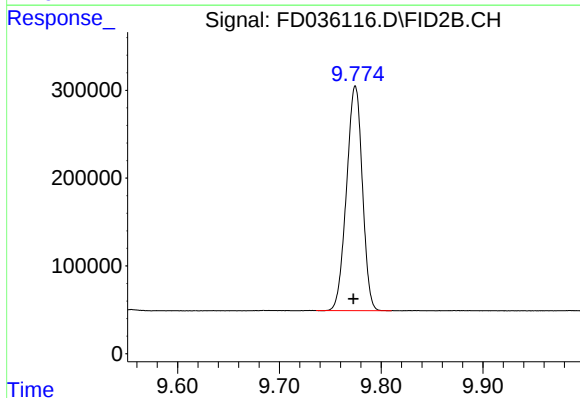
R.T.: 7.010 min
Delta R.T.: 0.003 min
Response: 3219886
Conc: 21.44 ug/ml

Instrument :
FID_D
ClientSampleId :



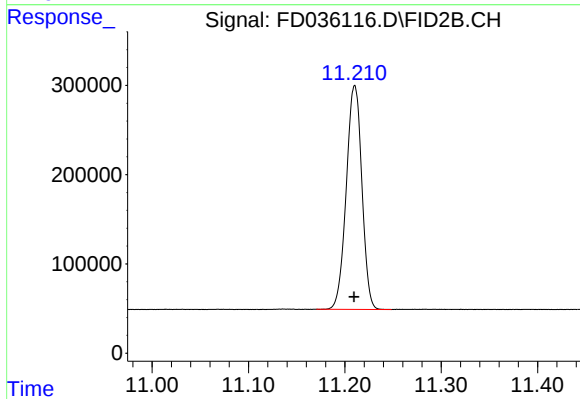
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 2871119
Conc: 21.49 ug/ml



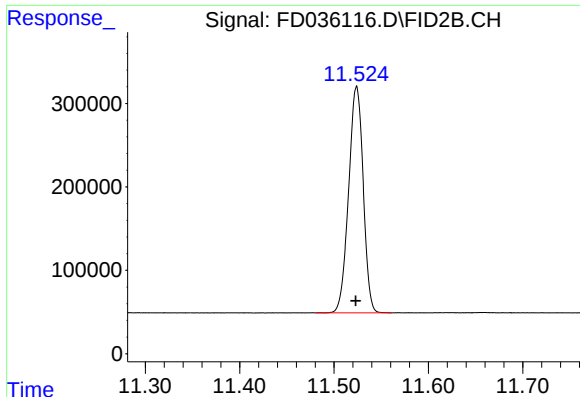
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.002 min
Response: 2772207
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

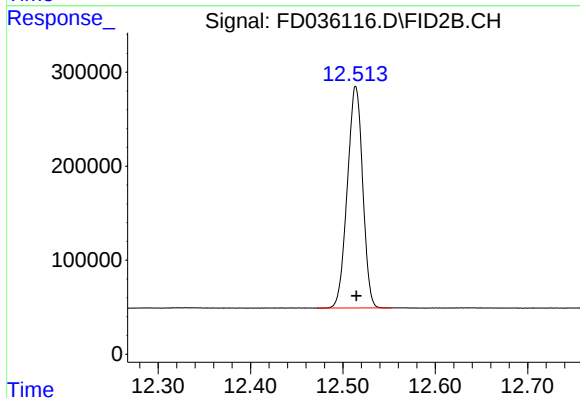
R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 2807498
Conc: 20.40 ug/ml



#9 ortho-Terphenyl (SURR)

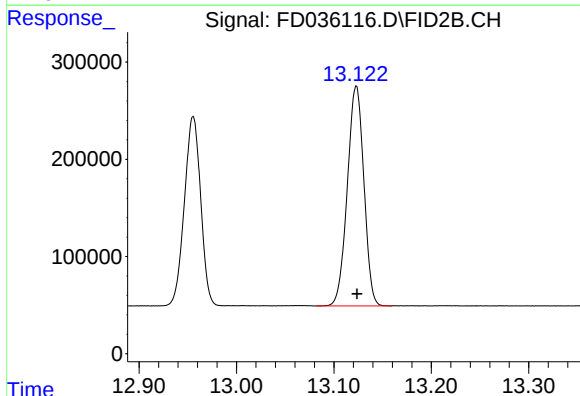
R.T.: 11.524 min
Delta R.T.: 0.001 min
Response: 2909718
Conc: 19.63 ug/ml

Instrument :
FID_D
ClientSampleId :



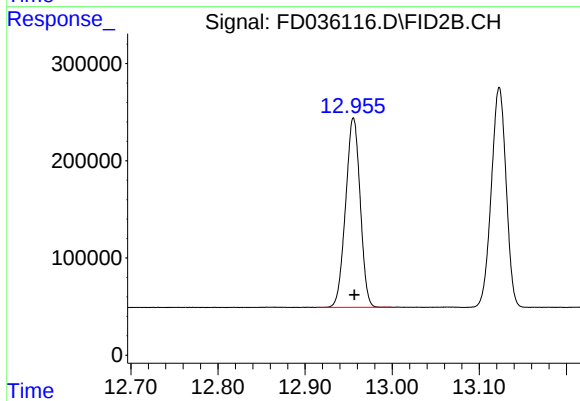
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: 0.000 min
Response: 2725510
Conc: 19.73 ug/ml



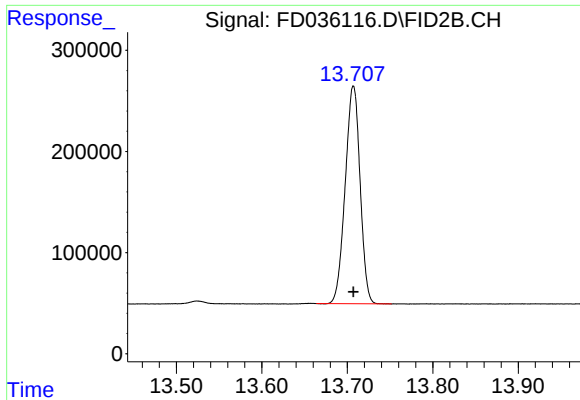
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: 0.000 min
Response: 2668574
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

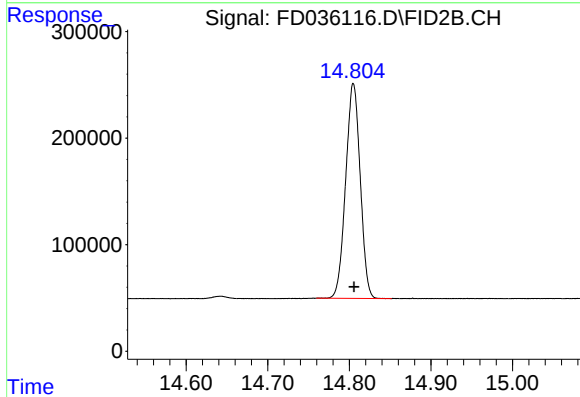
R.T.: 12.956 min
Delta R.T.: -0.001 min
Response: 2263126
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

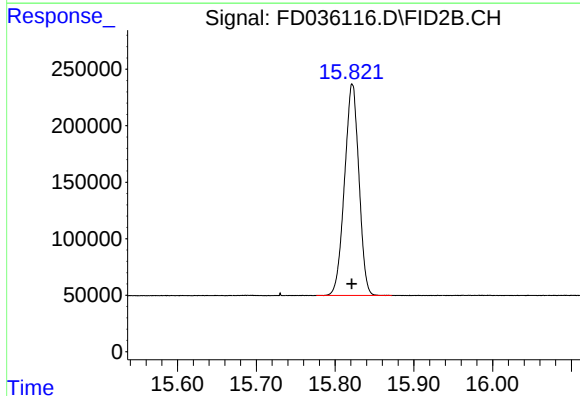
R.T.: 13.707 min
Delta R.T.: 0.000 min
Response: 2607902
Conc: 19.00 ug/ml

Instrument :
FID_D
ClientSampleId :



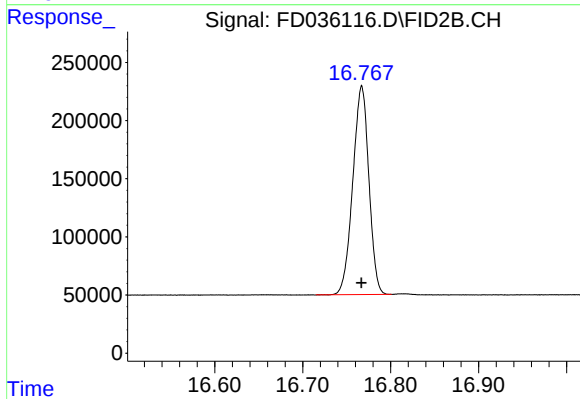
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 2499745
Conc: 18.39 ug/ml



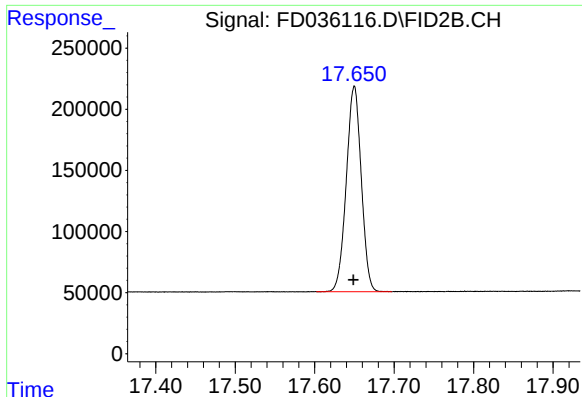
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.000 min
Response: 2377528
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

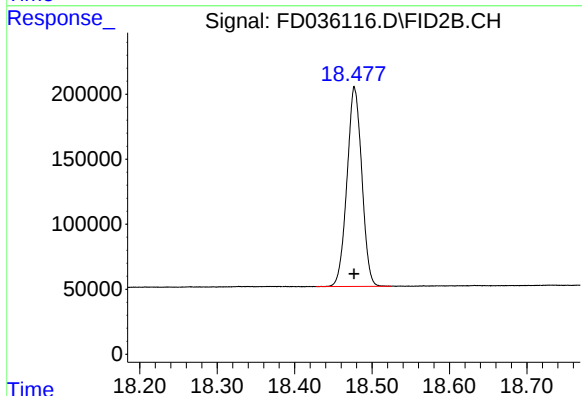
R.T.: 16.767 min
Delta R.T.: 0.000 min
Response: 2278111
Conc: 17.61 ug/ml



#17 n-Tricontane (C30)

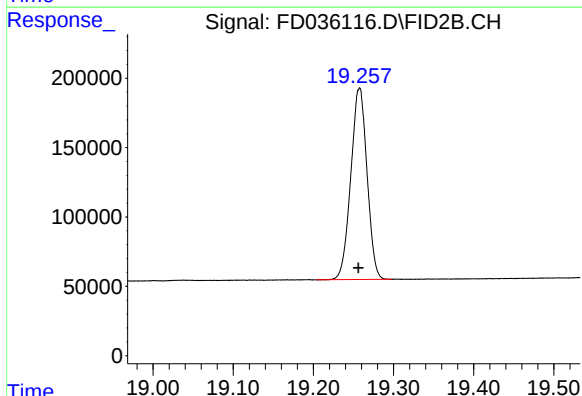
R.T.: 17.650 min
Delta R.T.: 0.000 min
Response: 2197411
Conc: 17.82 ug/ml

Instrument :
FID_D
ClientSampleId :



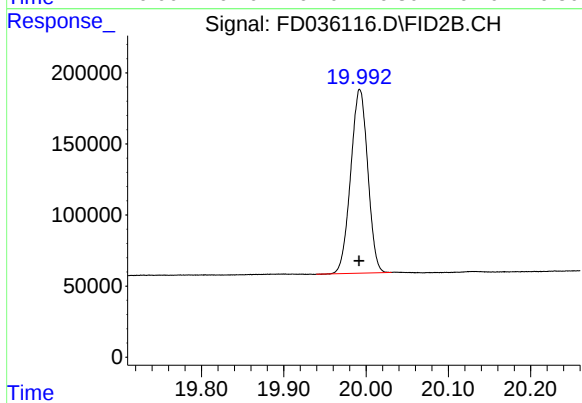
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 2039117
Conc: 18.50 ug/ml



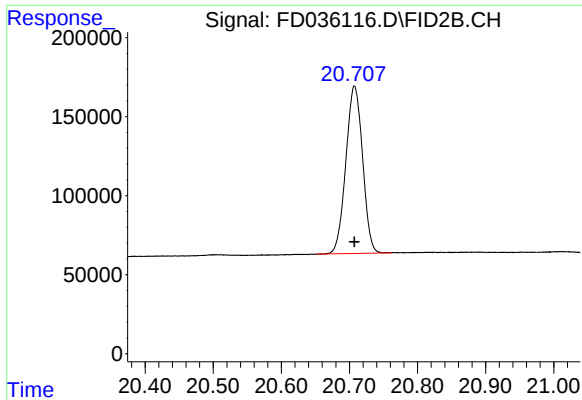
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.001 min
Response: 1943762
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

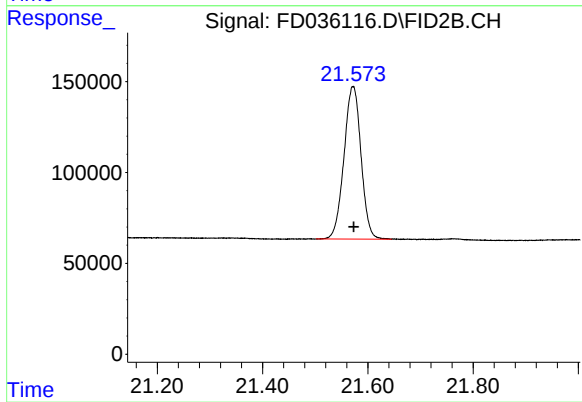
R.T.: 19.992 min
Delta R.T.: 0.001 min
Response: 1863958
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.707 min
Delta R.T.: 0.000 min
Response: 1807313
Conc: 21.75 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.002 min
Response: 1890196
Conc: 22.47 ug/ml