

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AL\
 Data File : FD035816.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2020 17:58
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 22 01:42:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:41:06 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)	11.488	6598484	48.968 ug/ml
Spiked Amount 50.000		Recovery =	97.94%
12) S 1-chlorooctadecane (S...	12.919	5280358	48.869 ug/ml
Spiked Amount 50.000		Recovery =	97.74%
Target Compounds			
1) T n-Nonane (C9)	3.288	5782623	49.802 ug/ml
2) T n-Decane (C10)	4.348	5833969	49.854 ug/ml
3) T A~Naphthalene (C11.7)	5.924	6401151	51.231 ug/ml
4) T n-Dodecane (C12)	6.355	5991571	49.480 ug/ml
5) T A~2-methylnaphthalene...	6.976	6552783	51.464 ug/ml
6) T n-Tetradecane (C14)	8.143	6010111	49.328 ug/ml
7) T n-Hexadecane (C16)	9.738	5929116	49.478 ug/ml
8) T n-Octadecane (C18)	11.174	6179730	48.929 ug/ml
10) T n-Eicosane (C20)	12.477	6215694	48.743 ug/ml
11) T n-Heneicosane (C21)	13.087	6196731	48.698 ug/ml
13) T n-Docosane (C22)	13.670	6175434	48.714 ug/ml
14) T n-Tetracosane (C24)	14.767	6115847	48.602 ug/ml
15) T n-Hexacosane (C26)	15.784	5967111	48.619 ug/ml
16) T n-Octacosane (C28)	16.729	5806864	48.495 ug/ml
17) T n-Tricontane (C30)	17.612	5529419	48.517 ug/ml
18) T n-Dotriacontane (C32)	18.440	4991656	48.430 ug/ml
19) T n-Tetratriacontane (C34)	19.218	4619611	48.489 ug/ml
20) T n-Hexatriacontane (C36)	19.953	4314688	48.486 ug/ml
21) T n-Octatriacontane (C38)	20.668	4075009	48.474 ug/ml
22) T n-Tetracontane (C40)	21.528	4173477	48.798 ug/ml

(f)=RT Delta > 1/2 Window

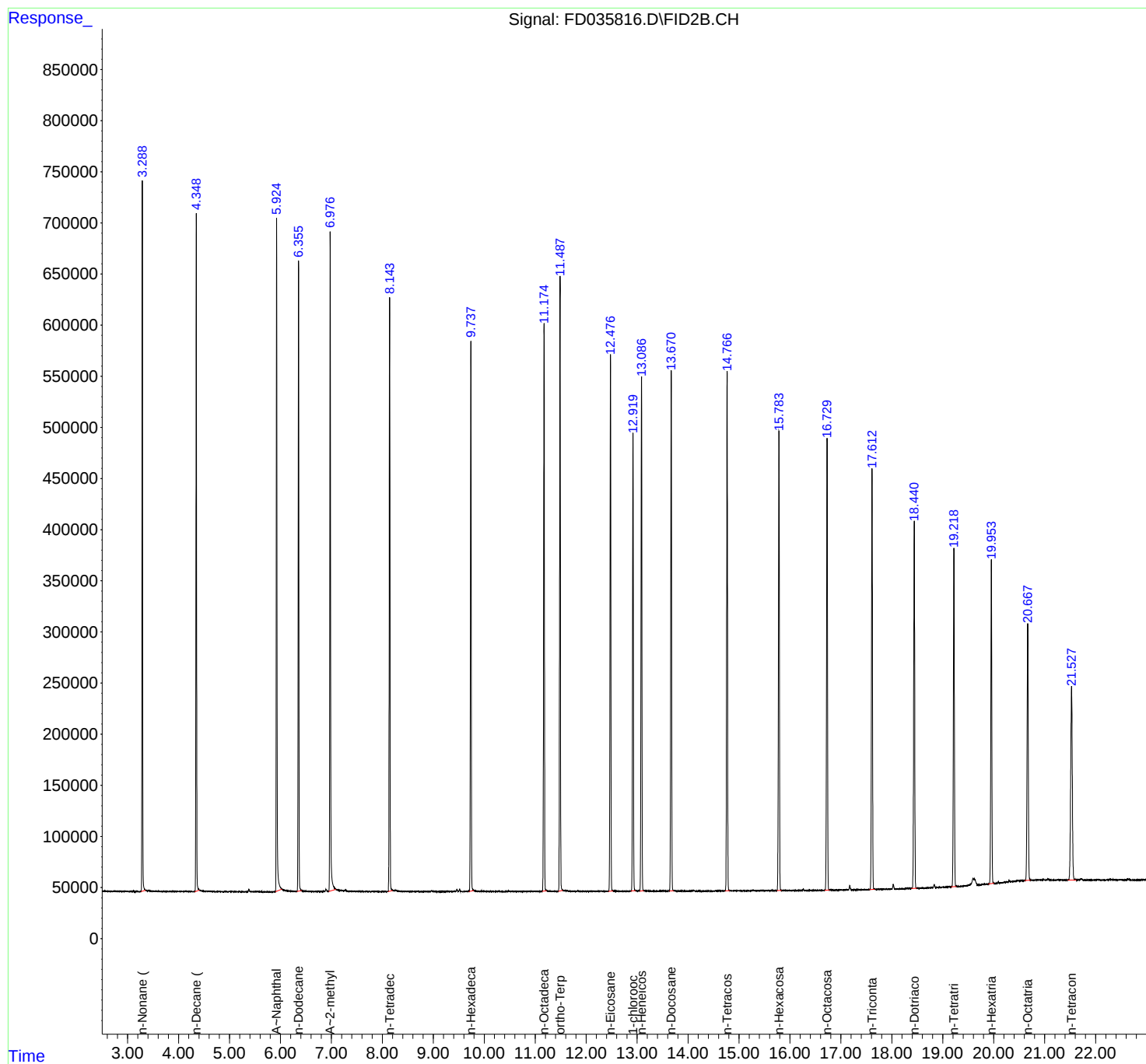
(m)=manual int.

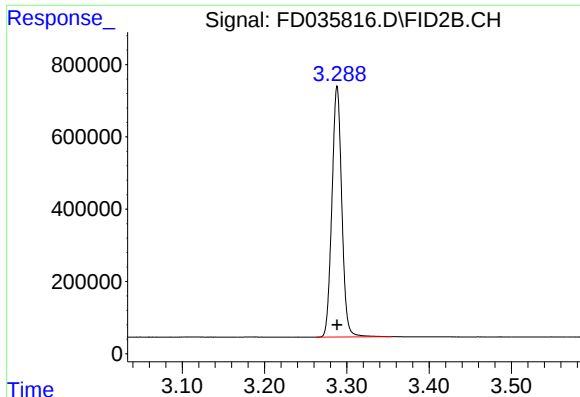
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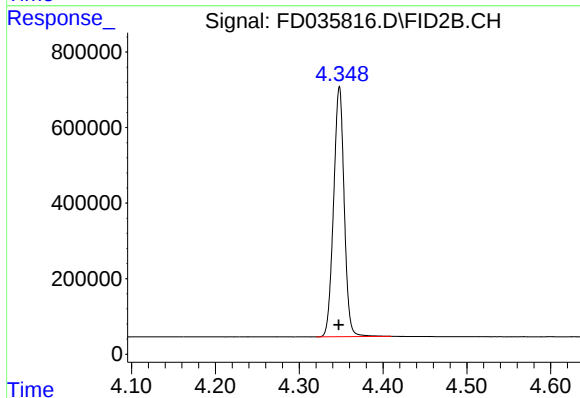




#1 n-Nonane (C9)

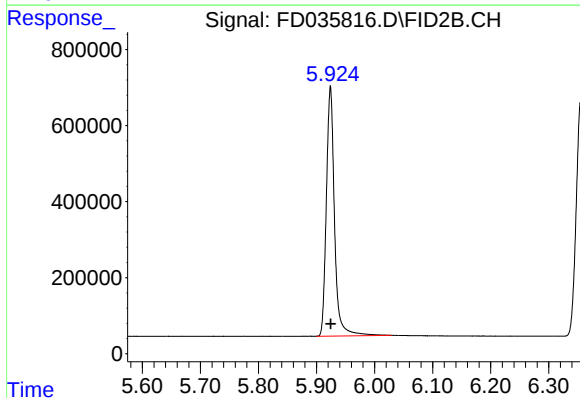
R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 5782623
Conc: 49.80 ug/ml

Instrument :
FID_D
ClientSampleId :



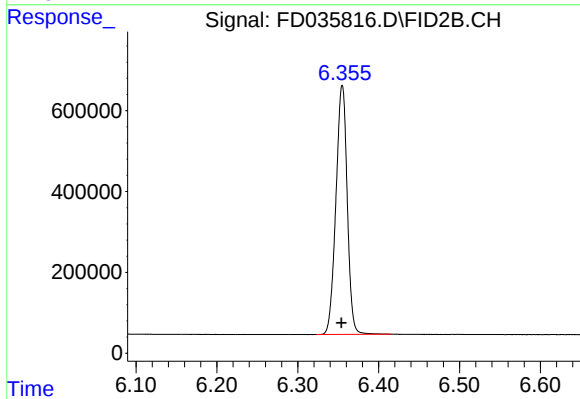
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.001 min
Response: 5833969
Conc: 49.85 ug/ml



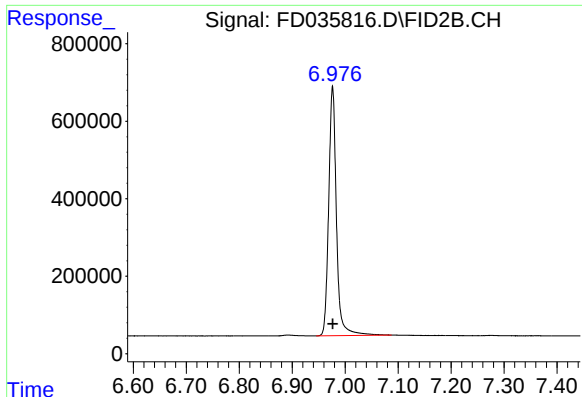
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 6401151
Conc: 51.23 ug/ml



#4 n-Dodecane (C12)

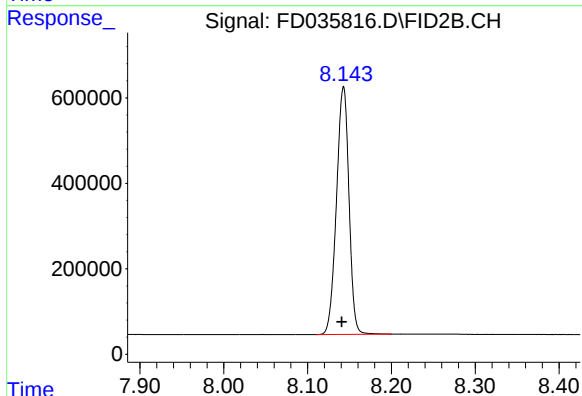
R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 5991571
Conc: 49.48 ug/ml



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

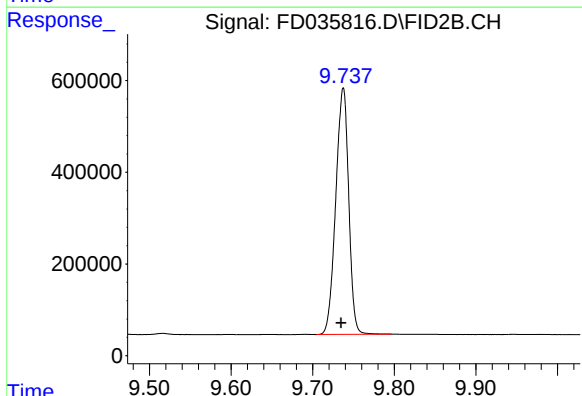
R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 6552783
Conc: 51.46 ug/ml

Instrument :
FID_D
ClientSampleId :



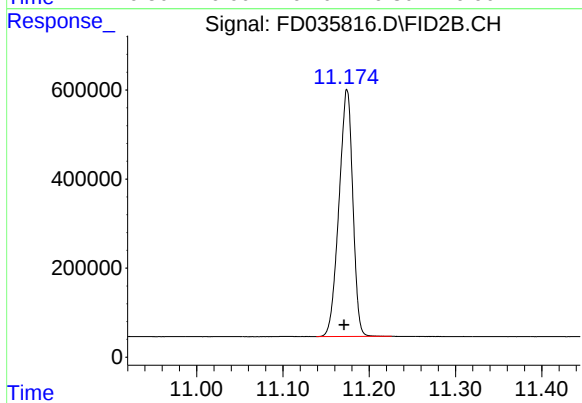
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: 0.002 min
Response: 6010111
Conc: 49.33 ug/ml



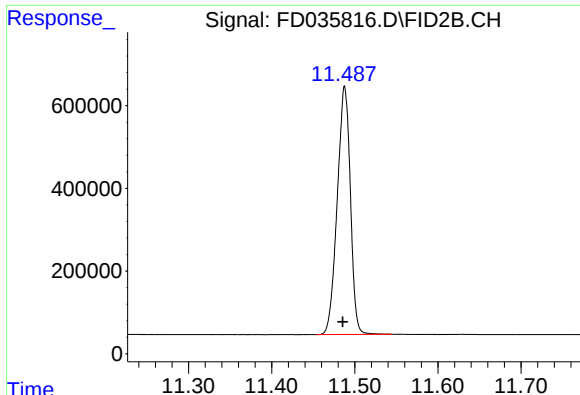
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: 0.003 min
Response: 5929116
Conc: 49.48 ug/ml



#8 n-Octadecane (C18)

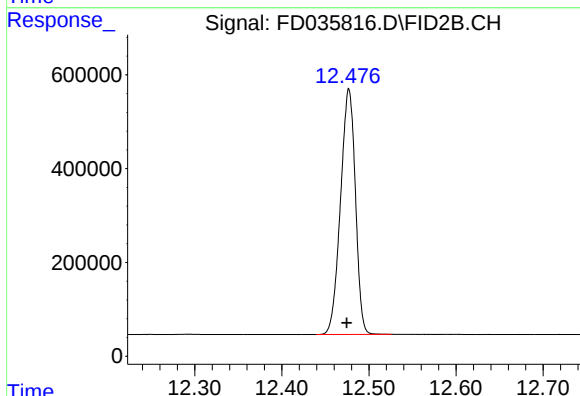
R.T.: 11.174 min
Delta R.T.: 0.003 min
Response: 6179730
Conc: 48.93 ug/ml



#9 ortho-Terphenyl (SURR)

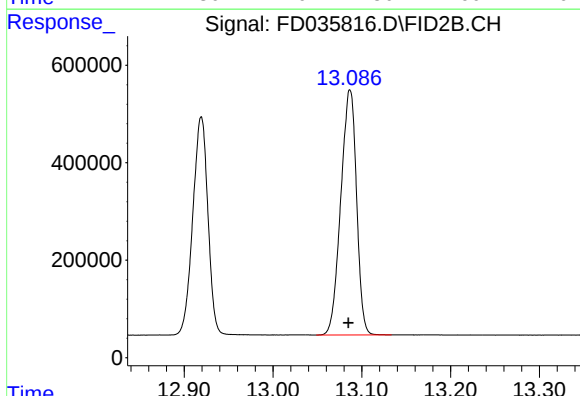
R.T.: 11.488 min
Delta R.T.: 0.002 min
Response: 6598484
Conc: 48.97 ug/ml

Instrument :
FID_D
ClientSampleId :



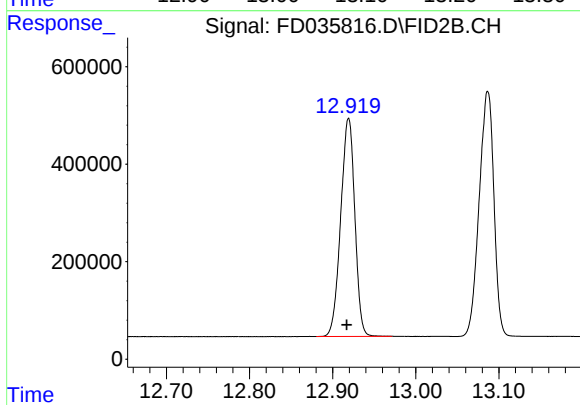
#10 n-Eicosane (C20)

R.T.: 12.477 min
Delta R.T.: 0.003 min
Response: 6215694
Conc: 48.74 ug/ml



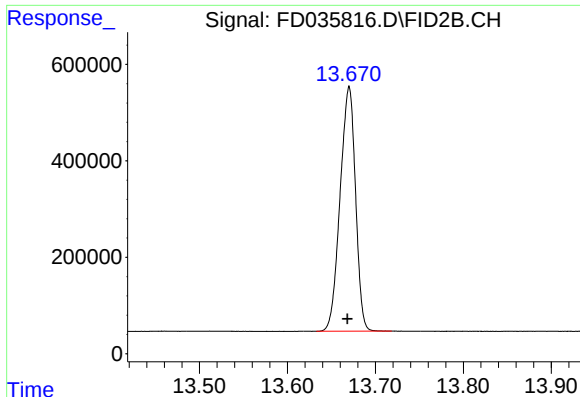
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.002 min
Response: 6196731
Conc: 48.70 ug/ml



#12 1-chlorooctadecane (SURR)

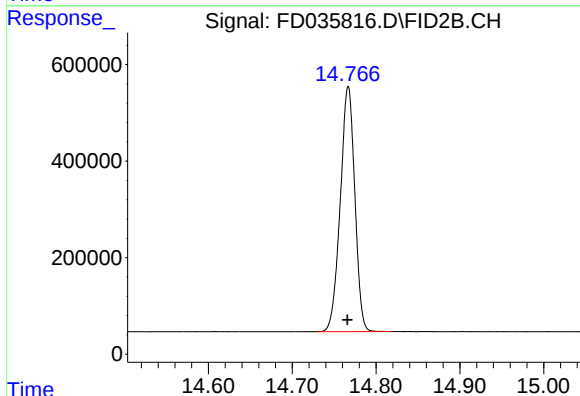
R.T.: 12.919 min
Delta R.T.: 0.002 min
Response: 5280358
Conc: 48.87 ug/ml



#13 n-Docosane (C22)

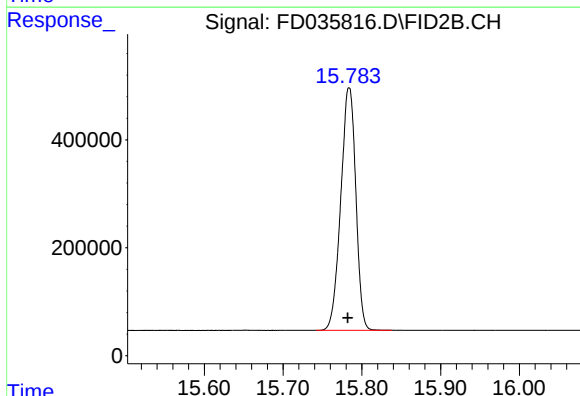
R.T.: 13.670 min
Delta R.T.: 0.002 min
Response: 6175434
Conc: 48.71 ug/ml

Instrument :
FID_D
ClientSampleId :



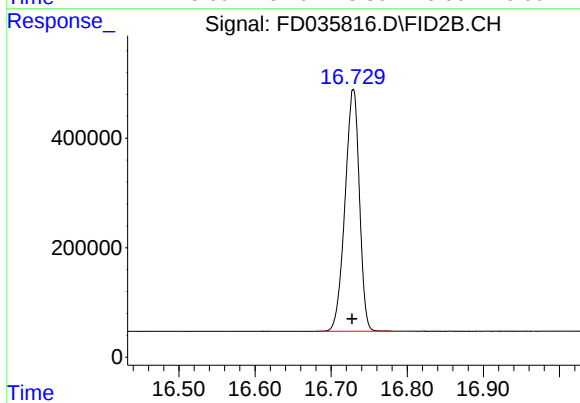
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: 0.000 min
Response: 6115847
Conc: 48.60 ug/ml



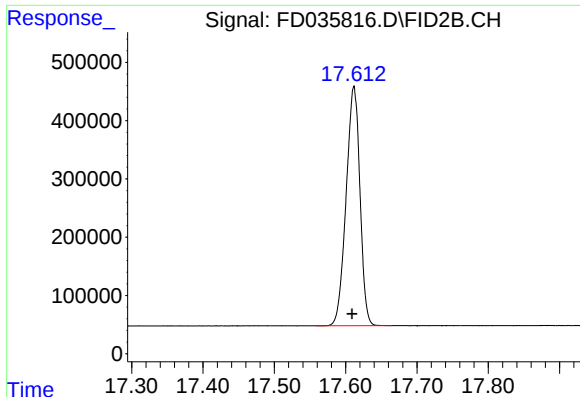
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.002 min
Response: 5967111
Conc: 48.62 ug/ml



#16 n-Octacosane (C28)

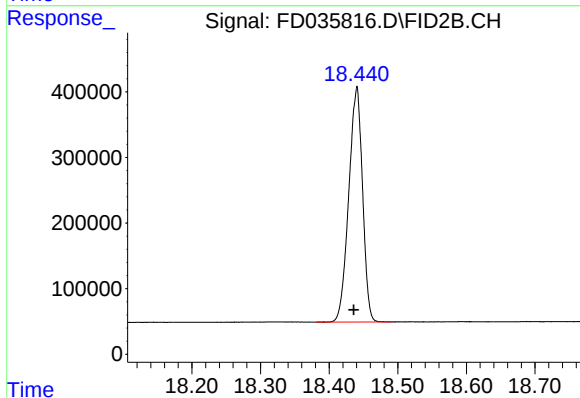
R.T.: 16.729 min
Delta R.T.: 0.002 min
Response: 5806864
Conc: 48.49 ug/ml



#17 n-Tricontane (C30)

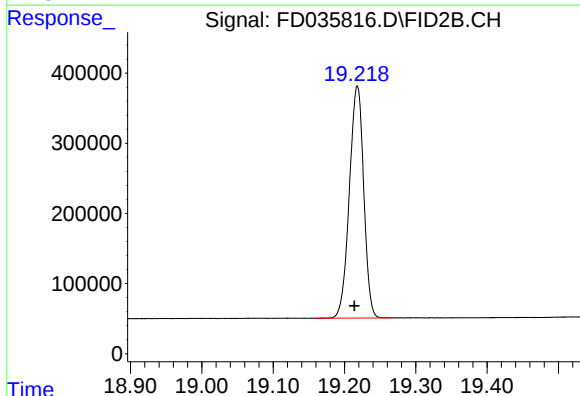
R.T.: 17.612 min
Delta R.T.: 0.002 min
Response: 5529419
Conc: 48.52 ug/ml

Instrument :
FID_D
ClientSampleId :



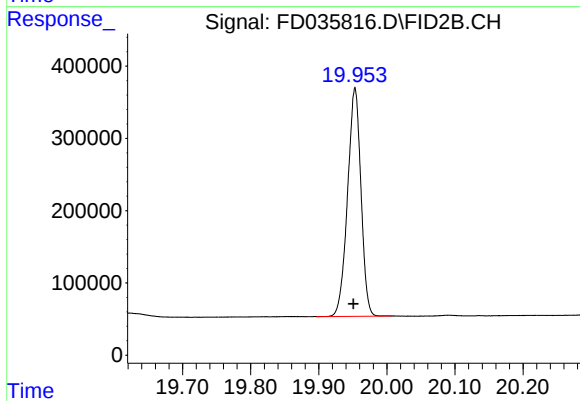
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: 0.004 min
Response: 4991656
Conc: 48.43 ug/ml



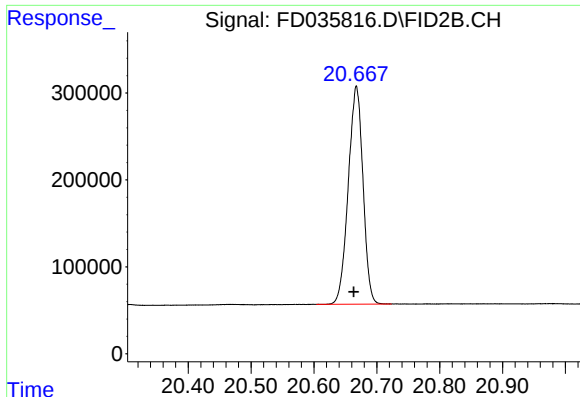
#19 n-Tetratriacontane (C34)

R.T.: 19.218 min
Delta R.T.: 0.004 min
Response: 4619611
Conc: 48.49 ug/ml



#20 n-Hexatriacontane (C36)

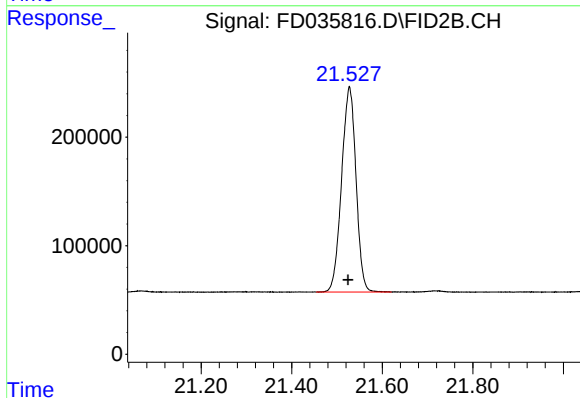
R.T.: 19.953 min
Delta R.T.: 0.002 min
Response: 4314688
Conc: 48.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.668 min
Delta R.T.: 0.004 min
Response: 4075009
Conc: 48.47 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.528 min
Delta R.T.: 0.003 min
Response: 4173477
Conc: 48.80 ug/ml