

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042821AL\
 Data File : FD037207.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2021 11:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 29 02:40:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.473	2366050	20.263 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
12) S 1-chlorooctadecane (S...	12.906	1756408	20.761 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
Target Compounds			
1) T n-Nonane (C9)	3.274	2499267	21.211 ug/ml
2) T n-Decane (C10)	4.336	2527802	21.315 ug/ml
3) T A~Naphthalene (C11.7)	5.909	2753497	20.982 ug/ml
4) T n-Dodecane (C12)	6.345	2519968	21.221 ug/ml
5) T A~2-methylnaphthalene...	6.962	2733044	20.843 ug/ml
6) T n-Tetradecane (C14)	8.133	2435478	21.040 ug/ml
7) T n-Hexadecane (C16)	9.726	2281808	20.755 ug/ml
8) T n-Octadecane (C18)	11.162	2250856	20.529 ug/ml
10) T n-Eicosane (C20)	12.466	2165066	20.411 ug/ml
11) T n-Heneicosane (C21)	13.075	2118629	20.166 ug/ml
13) T n-Docosane (C22)	13.658	2110867	20.534 ug/ml
14) T n-Tetracosane (C24)	14.756	2121544	20.945 ug/ml
15) T n-Hexacosane (C26)	15.772	2097313	21.474 ug/ml
16) T n-Octacosane (C28)	16.717	2114562	21.998 ug/ml
17) T n-Tricontane (C30)	17.600	2162947	22.491 ug/ml
18) T n-Dotriacontane (C32)	18.426	2148194	21.842 ug/ml
19) T n-Tetratriacontane (C34)	19.206	2076773	21.880 ug/ml
20) T n-Hexatriacontane (C36)	19.941	1997713	21.213 ug/ml
21) T n-Octatriacontane (C38)	20.651	1898412	22.050 ug/ml
22) T n-Tetracontane (C40)	21.499	1946012	20.282 ug/ml

(f)=RT Delta > 1/2 Window

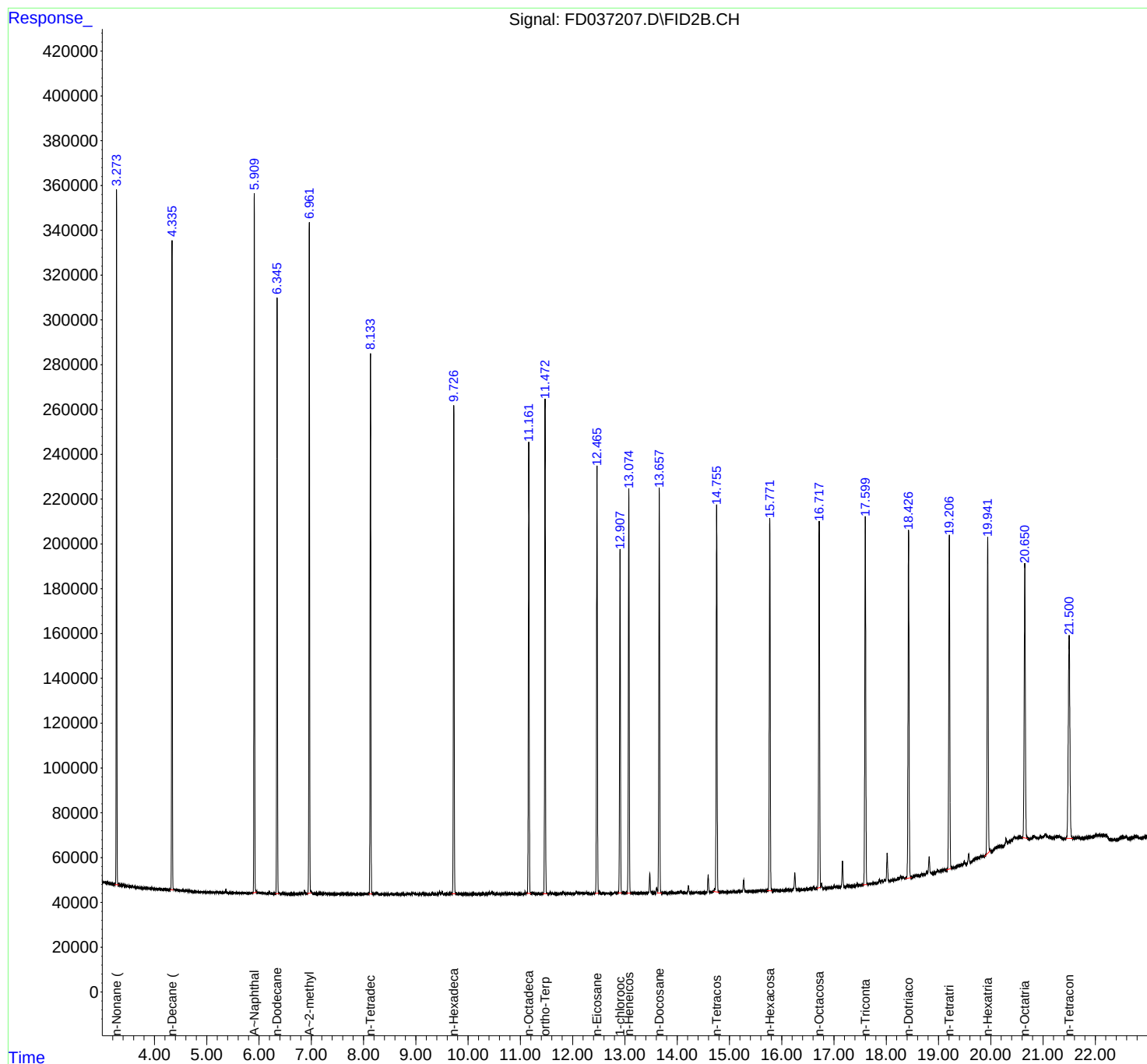
(m)=manual int.

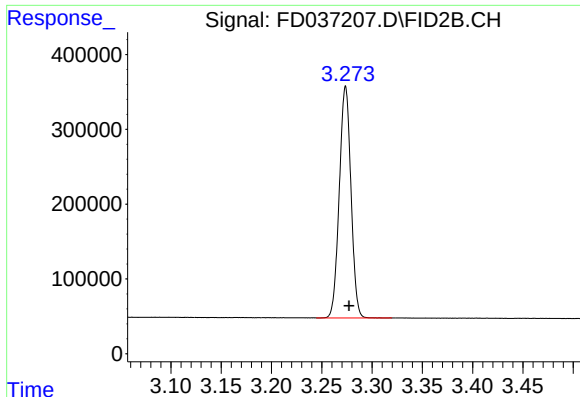
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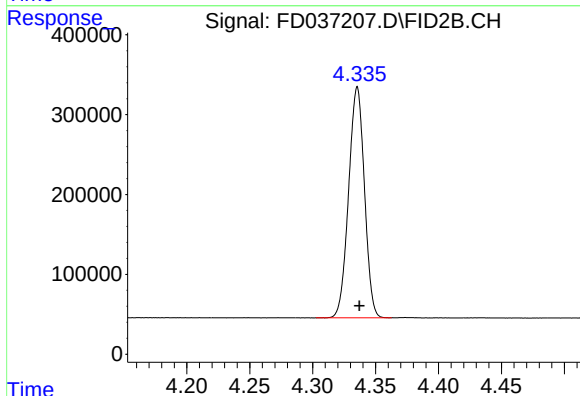




#1 n-Nonane (C9)

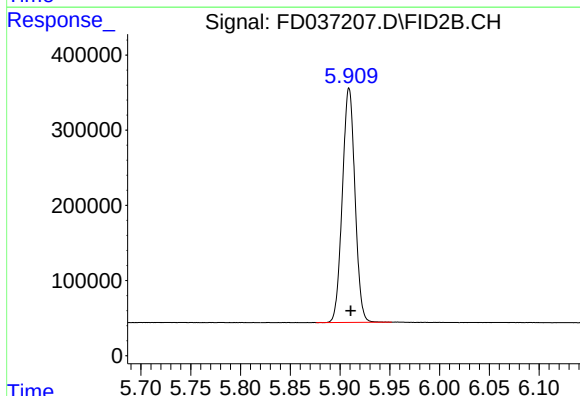
R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 2499267
Conc: 21.21 ug/ml

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20 PPM ALIPHATIC HC STD



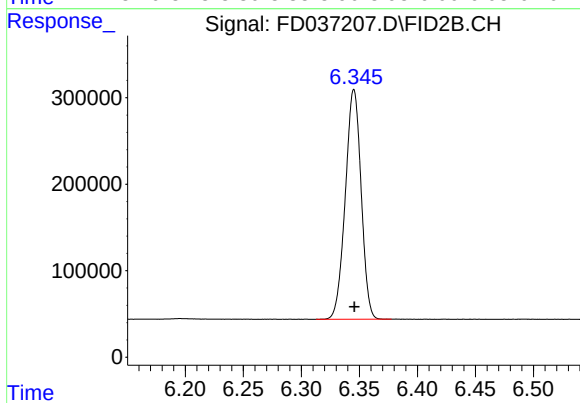
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 2527802
Conc: 21.31 ug/ml



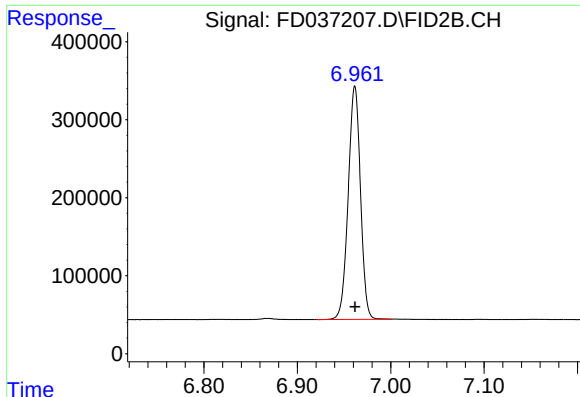
#3 A~Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 2753497
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

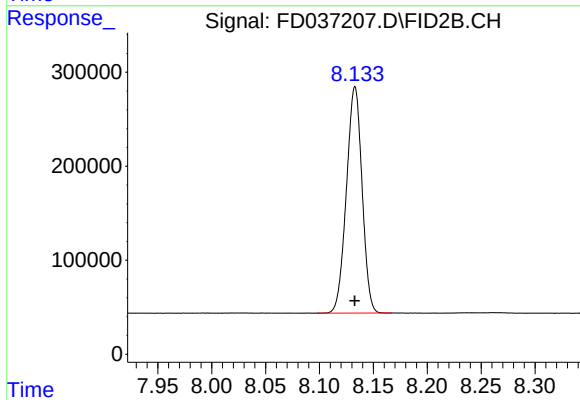
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 2519968
Conc: 21.22 ug/ml



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

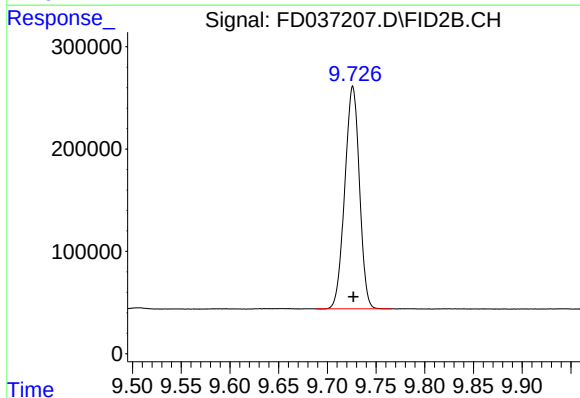
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2733044
Conc: 20.84 ug/ml

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20 PPM ALIPHATIC HC STD



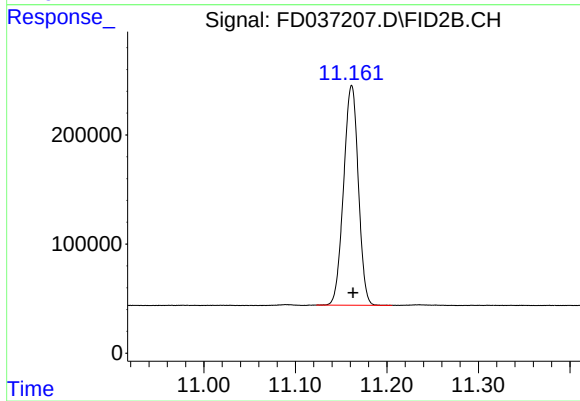
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 2435478
Conc: 21.04 ug/ml



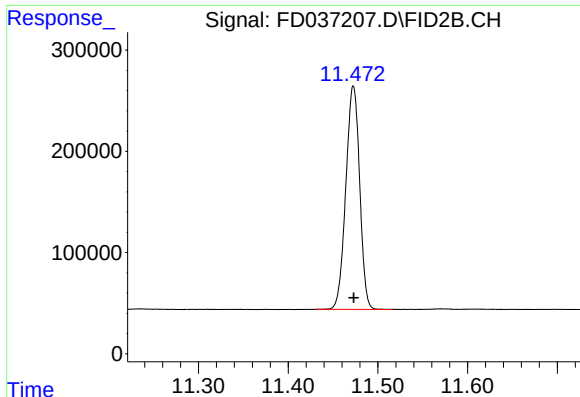
#7 n-Hexadecane (C16)

R.T.: 9.726 min
Delta R.T.: 0.000 min
Response: 2281808
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

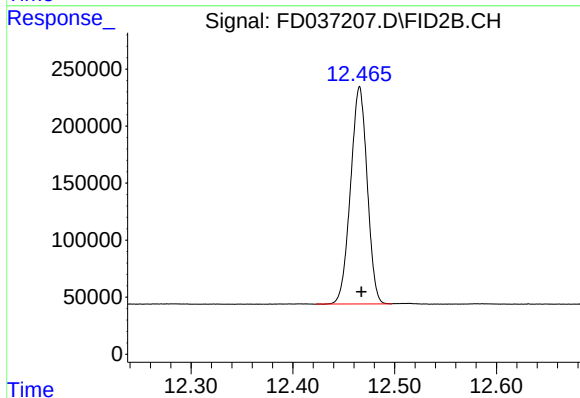
R.T.: 11.162 min
Delta R.T.: -0.001 min
Response: 2250856
Conc: 20.53 ug/ml



#9 ortho-Terphenyl (SURR)

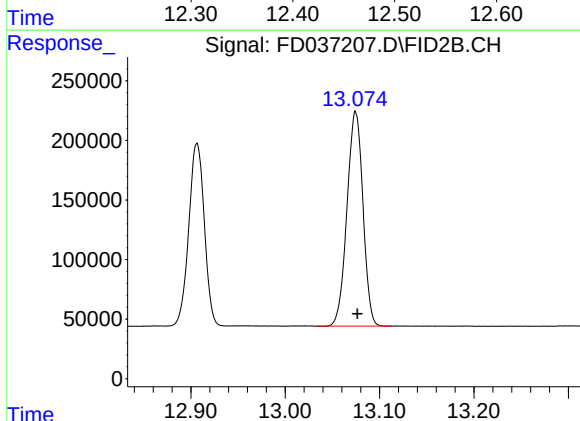
R.T.: 11.473 min
Delta R.T.: 0.000 min
Response: 2366050
Conc: 20.26 ug/ml

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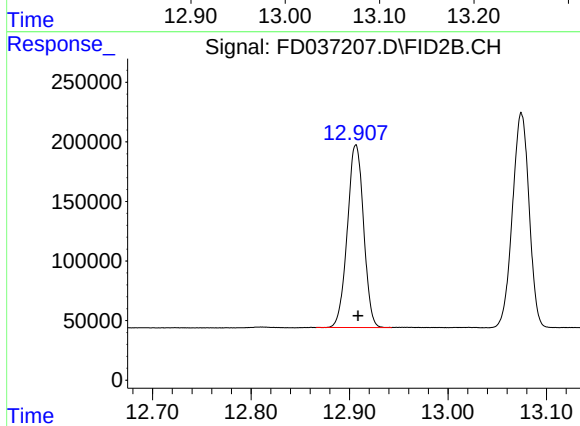
#10 n-Eicosane (C20)

R.T.: 12.466 min
Delta R.T.: -0.002 min
Response: 2165066
Conc: 20.41 ug/ml



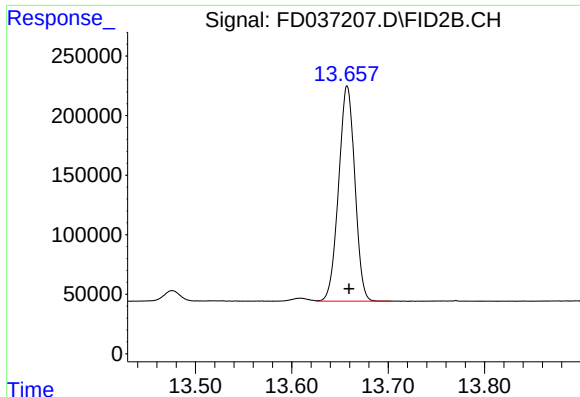
#11 n-Heneicosane (C21)

R.T.: 13.075 min
Delta R.T.: -0.002 min
Response: 2118629
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

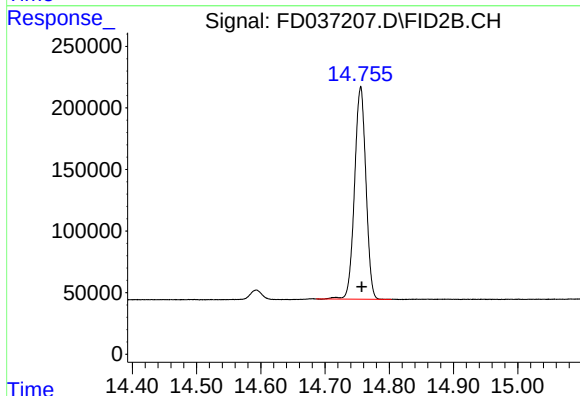
R.T.: 12.906 min
Delta R.T.: -0.002 min
Response: 1756408
Conc: 20.76 ug/ml



#13 n-Docosane (C22)

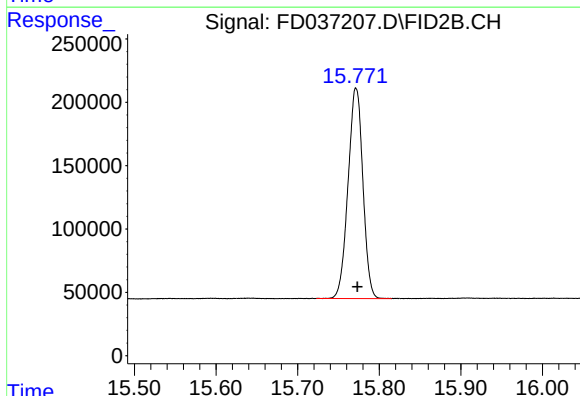
R.T.: 13.658 min
Delta R.T.: -0.002 min
Response: 2110867
Conc: 20.53 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



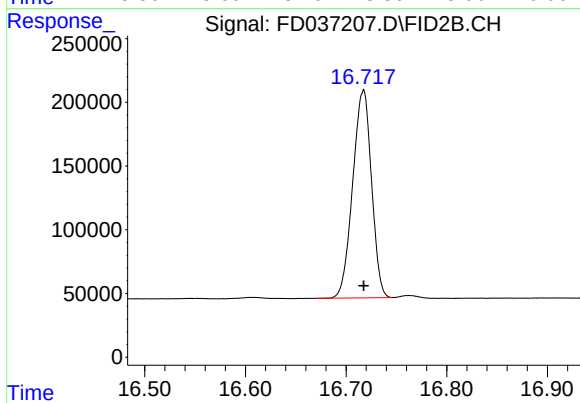
#14 n-Tetracosane (C24)

R.T.: 14.756 min
Delta R.T.: -0.002 min
Response: 2121544
Conc: 20.94 ug/ml



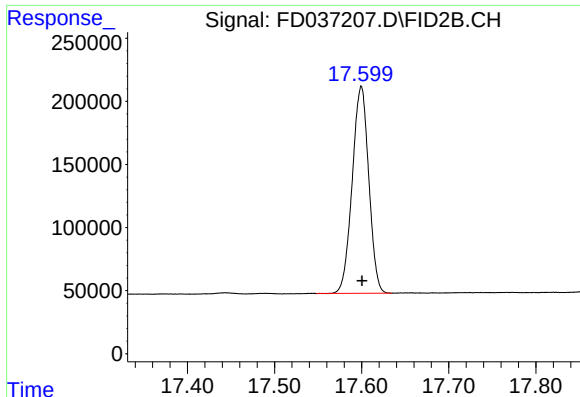
#15 n-Hexacosane (C26)

R.T.: 15.772 min
Delta R.T.: -0.002 min
Response: 2097313
Conc: 21.47 ug/ml



#16 n-Octacosane (C28)

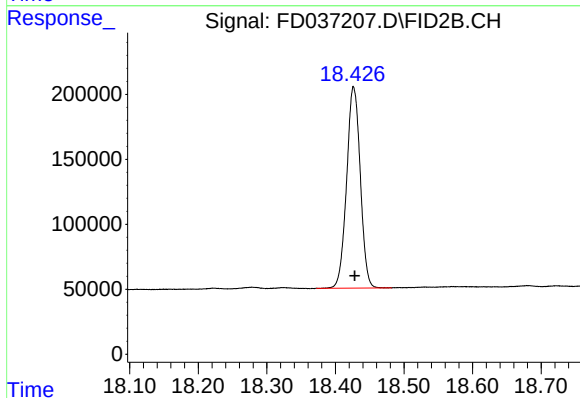
R.T.: 16.717 min
Delta R.T.: 0.000 min
Response: 2114562
Conc: 22.00 ug/ml



#17 n-Tricontane (C30)

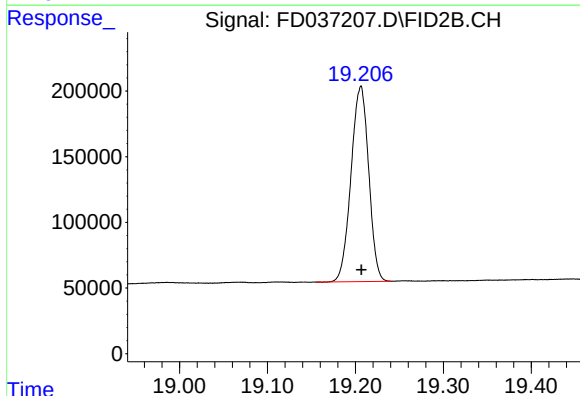
R.T.: 17.600 min
Delta R.T.: 0.000 min
Response: 2162947
Conc: 22.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



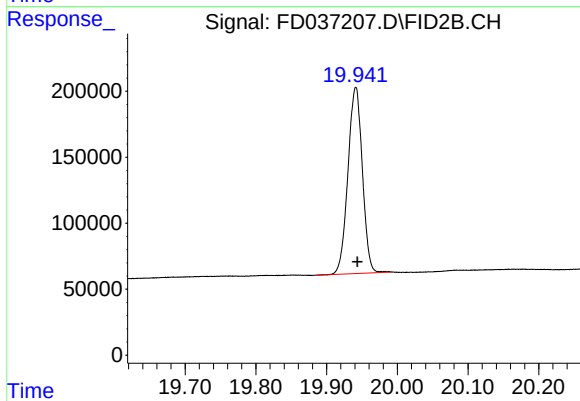
#18 n-Dotriacontane (C32)

R.T.: 18.426 min
Delta R.T.: -0.002 min
Response: 2148194
Conc: 21.84 ug/ml



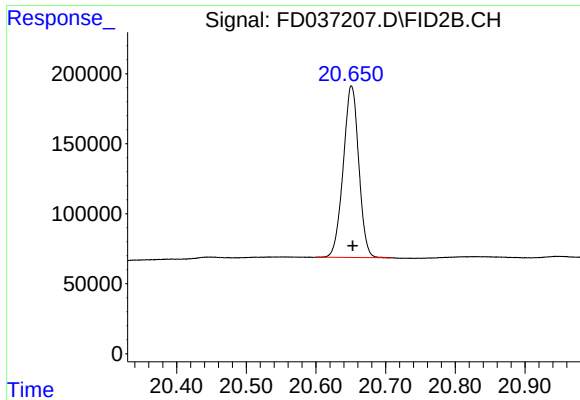
#19 n-Tetratriacontane (C34)

R.T.: 19.206 min
Delta R.T.: 0.000 min
Response: 2076773
Conc: 21.88 ug/ml



#20 n-Hexatriacontane (C36)

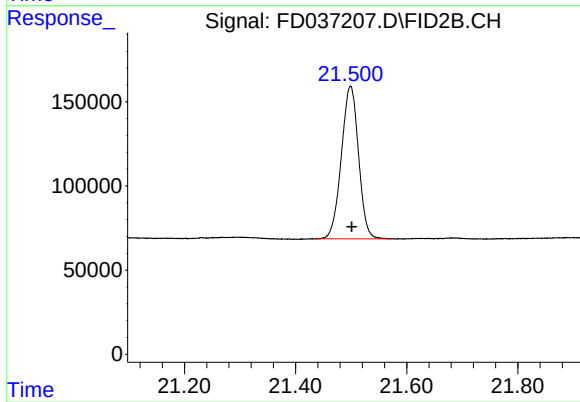
R.T.: 19.941 min
Delta R.T.: -0.002 min
Response: 1997713
Conc: 21.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.651 min
Delta R.T.: -0.002 min
Response: 1898412
Conc: 22.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.499 min
Delta R.T.: -0.002 min
Response: 1946012
Conc: 20.28 ug/ml