

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AL\
 Data File : FD036312.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2021 3:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 04 03:44:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 02:25:05 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)	11.514	2890850	20.432 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
12) S 1-chlorooctadecane (S...	12.945	2334865	20.432 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	3.305	2442870	20.392 ug/ml
2) T n-Decane (C10)	4.368	2467261	20.380 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2775760	20.376 ug/ml
4) T n-Dodecane (C12)	6.379	2522580	20.390 ug/ml
5) T A~2-methylnaphthalene...	6.998	2841520	20.368 ug/ml
6) T n-Tetradecane (C14)	8.168	2561992	20.398 ug/ml
7) T n-Hexadecane (C16)	9.763	2572550	20.442 ug/ml
8) T n-Octadecane (C18)	11.199	2709888	20.448 ug/ml
10) T n-Eicosane (C20)	12.503	2750187	20.442 ug/ml
11) T n-Heneicosane (C21)	13.112	2755691	20.438 ug/ml
13) T n-Docosane (C22)	13.696	2756066	20.448 ug/ml
14) T n-Tetracosane (C24)	14.793	2748083	20.409 ug/ml
15) T n-Hexacosane (C26)	15.809	2698281	20.400 ug/ml
16) T n-Octacosane (C28)	16.753	2650359	20.357 ug/ml
17) T n-Tricontane (C30)	17.636	2566756	20.257 ug/ml
18) T n-Dotriacontane (C32)	18.464	2414960	20.178 ug/ml
19) T n-Tetratriacontane (C34)	19.242	2264536	20.168 ug/ml
20) T n-Hexatriacontane (C36)	19.976	2071698	20.237 ug/ml
21) T n-Octatriacontane (C38)	20.689	1900895	20.151 ug/ml
22) T n-Tetracontane (C40)	21.549	1915860	20.256 ug/ml

(f)=RT Delta > 1/2 Window

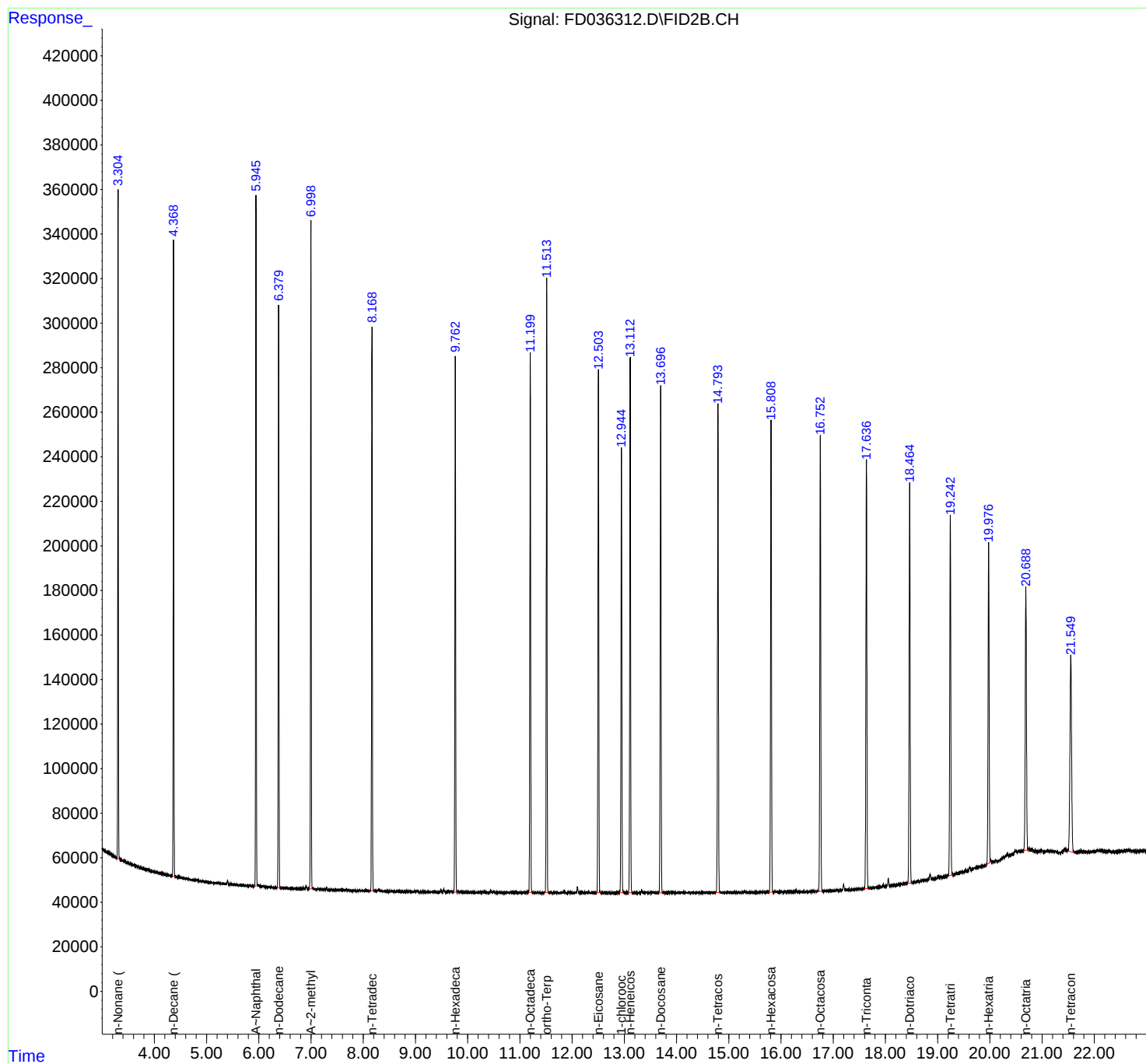
(m)=manual int.

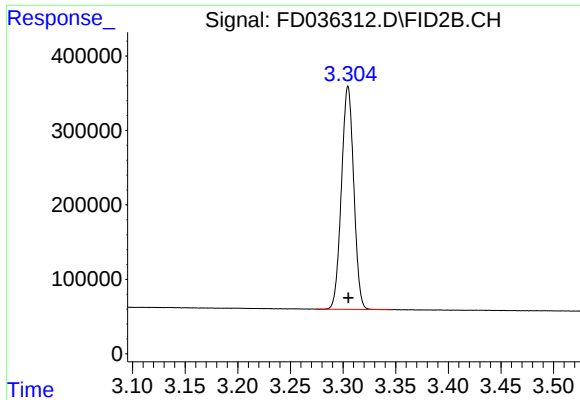
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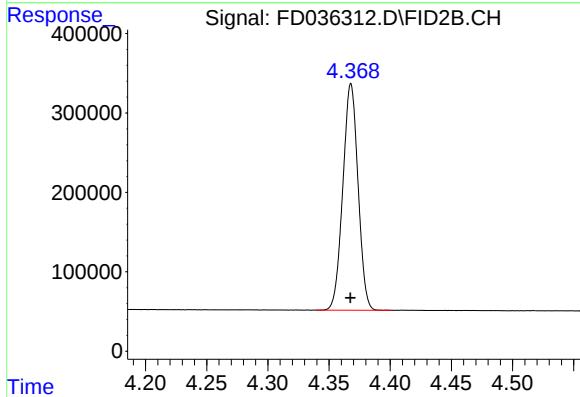




#1 n-Nonane (C9)

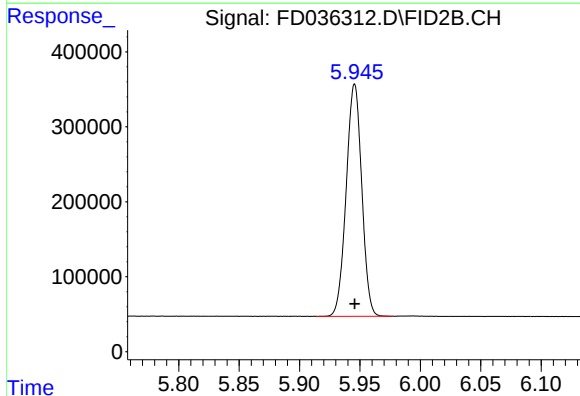
R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 2442870
Conc: 20.39 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



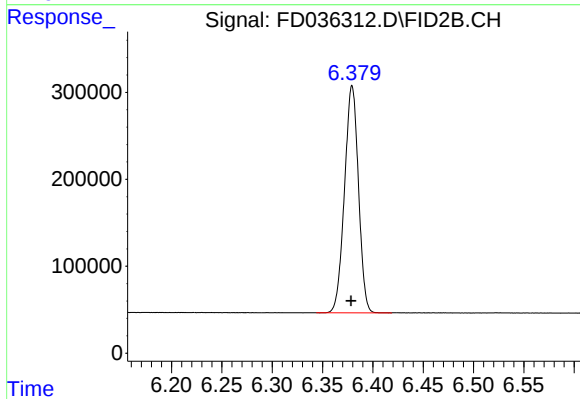
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 2467261
Conc: 20.38 ug/ml



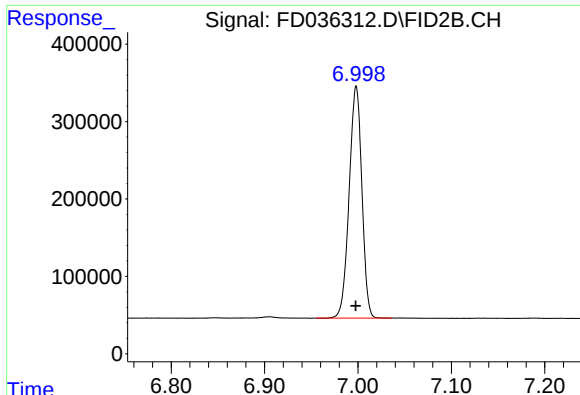
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2775760
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

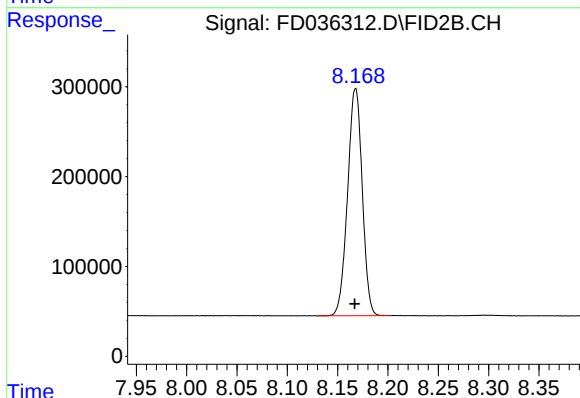
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 2522580
Conc: 20.39 ug/ml



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

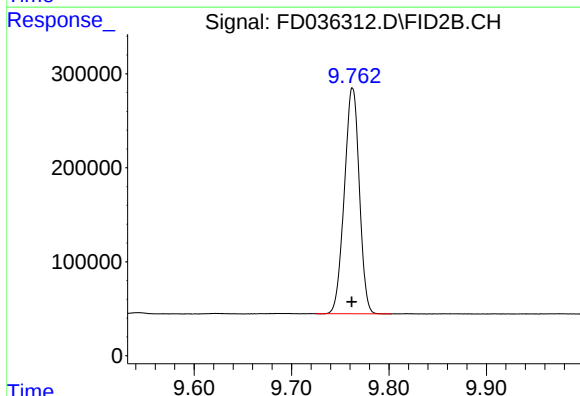
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 2841520
Conc: 20.37 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



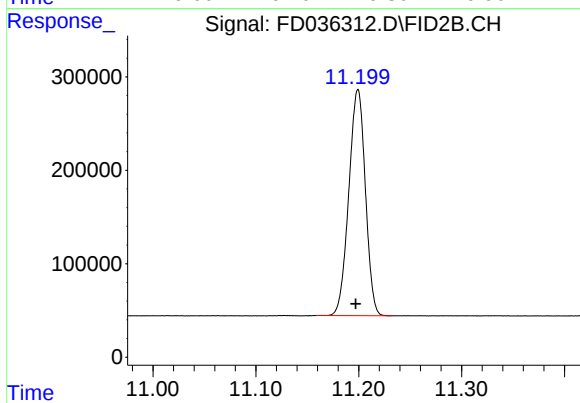
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 2561992
Conc: 20.40 ug/ml



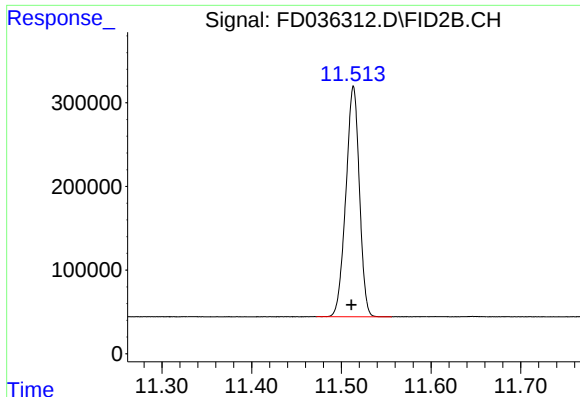
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.000 min
Response: 2572550
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

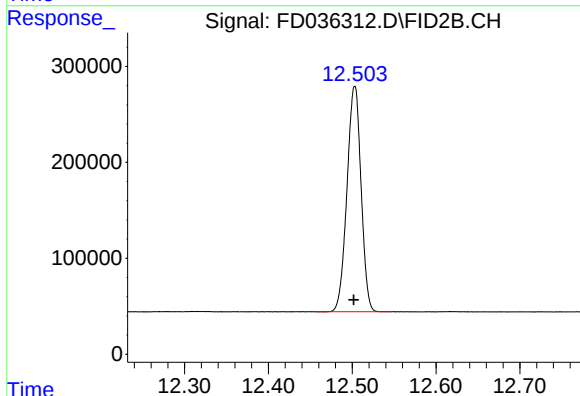
R.T.: 11.199 min
Delta R.T.: 0.002 min
Response: 2709888
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

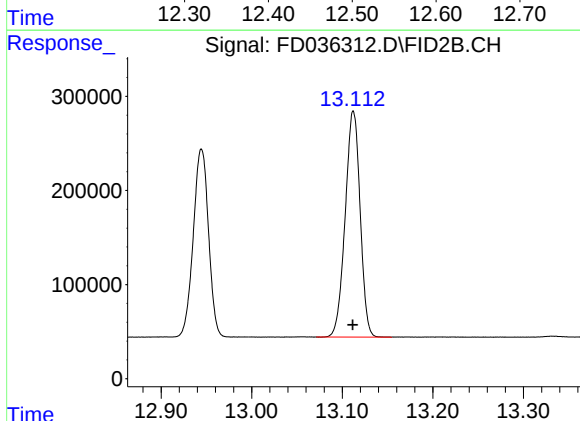
R.T.: 11.514 min
Delta R.T.: 0.002 min
Response: 2890850
Conc: 20.43 ug/ml

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20 PPM ALIPHATIC HC STD



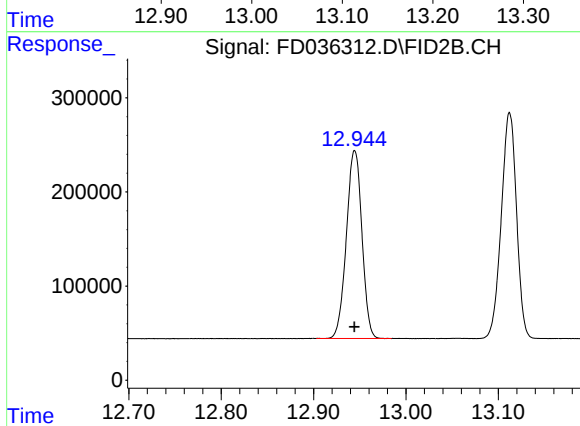
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.001 min
Response: 2750187
Conc: 20.44 ug/ml



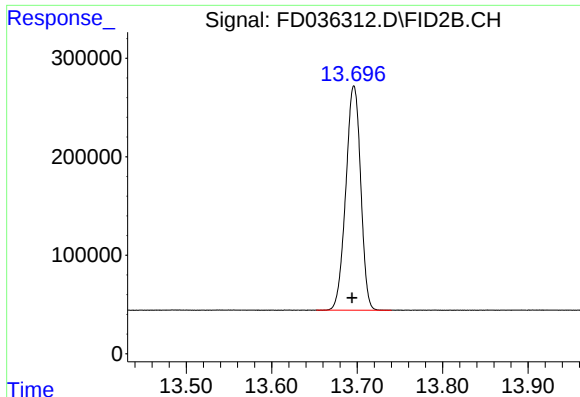
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 2755691
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

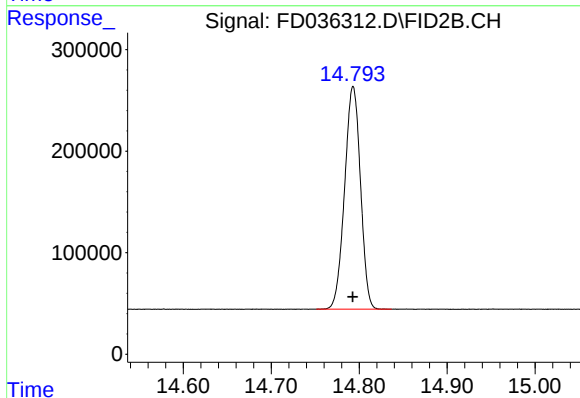
R.T.: 12.945 min
Delta R.T.: 0.000 min
Response: 2334865
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

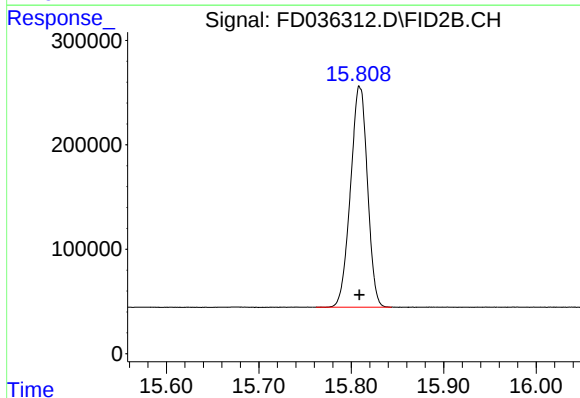
R.T.: 13.696 min
Delta R.T.: 0.002 min
Response: 2756066
Conc: 20.45 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



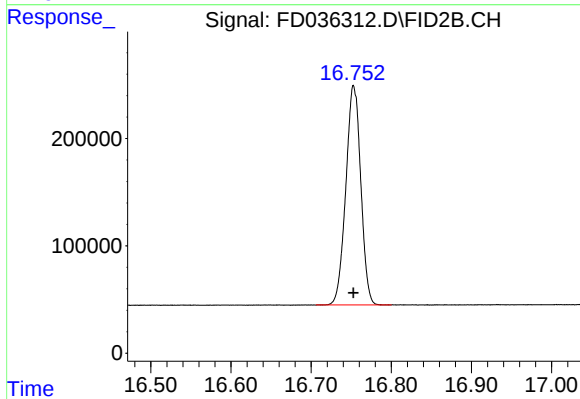
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.000 min
Response: 2748083
Conc: 20.41 ug/ml



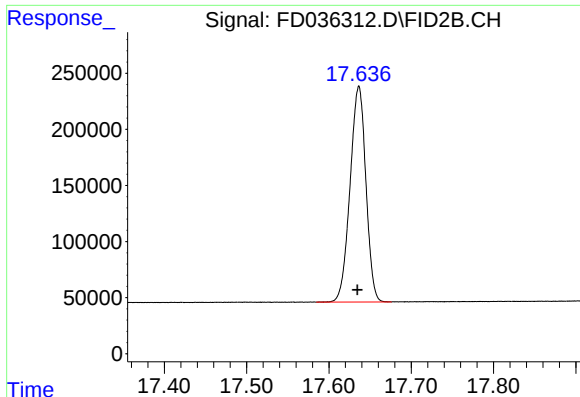
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.000 min
Response: 2698281
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

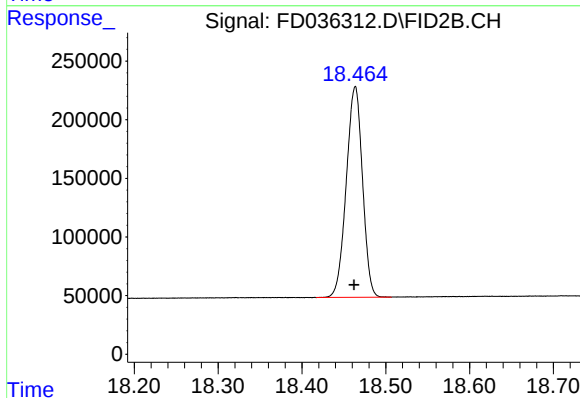
R.T.: 16.753 min
Delta R.T.: 0.000 min
Response: 2650359
Conc: 20.36 ug/ml



#17 n-Tricontane (C30)

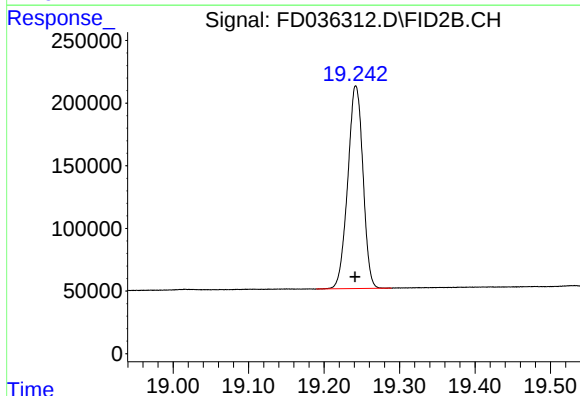
R.T.: 17.636 min
Delta R.T.: 0.002 min
Response: 2566756
Conc: 20.26 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



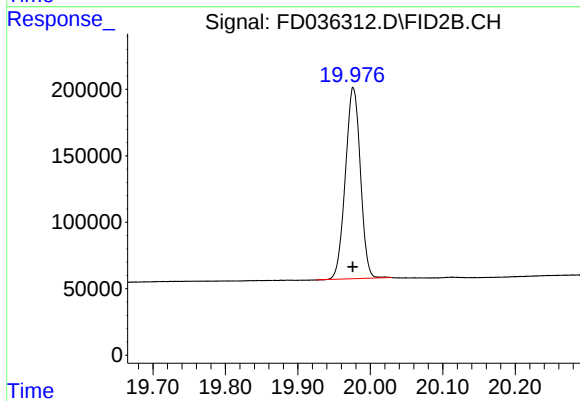
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: 0.002 min
Response: 2414960
Conc: 20.18 ug/ml



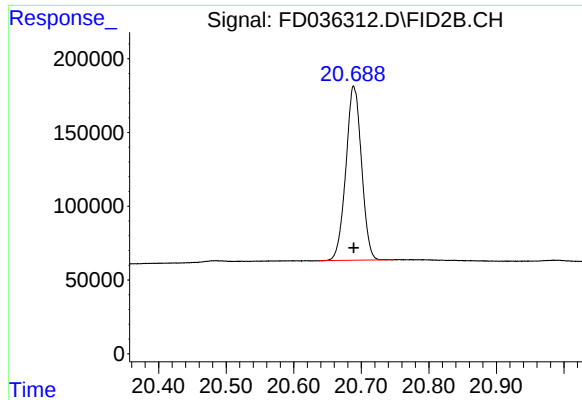
#19 n-Tetratriacontane (C34)

R.T.: 19.242 min
Delta R.T.: 0.000 min
Response: 2264536
Conc: 20.17 ug/ml



#20 n-Hexatriacontane (C36)

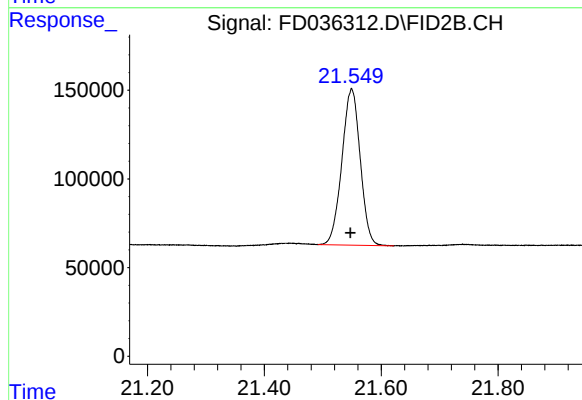
R.T.: 19.976 min
Delta R.T.: 0.000 min
Response: 2071698
Conc: 20.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.689 min
Delta R.T.: 0.000 min
Response: 1900895
Conc: 20.15 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.549 min
Delta R.T.: 0.002 min
Response: 1915860
Conc: 20.26 ug/ml