

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012020AL\
 Data File : FD032060.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jan 2020 22:00
 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: Jan 21 01:08:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 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)	11.541	2657472	19.237 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	12.971	2014024	18.489 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T n-Nonane (C9)	3.336	2515932	21.406 ug/ml
2) T n-Decane (C10)	4.400	2536006	21.527 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2834622	21.426 ug/ml
4) T n-Dodecane (C12)	6.410	2557723	21.491 ug/ml
5) T A~2-methylnaphthalene...	7.031	2840569	21.192 ug/ml
6) T n-Tetradecane (C14)	8.196	2548032	20.994 ug/ml
7) T n-Hexadecane (C16)	9.789	2530452	20.416 ug/ml
8) T n-Octadecane (C18)	11.225	2496438	19.769 ug/ml
10) T n-Eicosane (C20)	12.529	2439538	19.118 ug/ml
11) T n-Heneicosane (C21)	13.138	2414835	18.747 ug/ml
13) T n-Docosane (C22)	13.721	2402945	18.679 ug/ml
14) T n-Tetracosane (C24)	14.819	2406581	18.532 ug/ml
15) T n-Hexacosane (C26)	15.835	2478230	19.228 ug/ml
16) T n-Octacosane (C28)	16.779	2524280	19.804 ug/ml
17) T n-Tricontane (C30)	17.662	2411858	19.674 ug/ml
18) T n-Dotriacontane (C32)	18.489	2018747	19.284 ug/ml
19) T n-Tetratriacontane (C34)	19.268	1620652	18.326 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1467779	18.624 ug/ml
21) T n-Octatriacontane (C38)	20.721	1371891	18.605 ug/ml
22) T n-Tetracontane (C40)	21.591	1480806	19.565 ug/ml

(f)=RT Delta > 1/2 Window

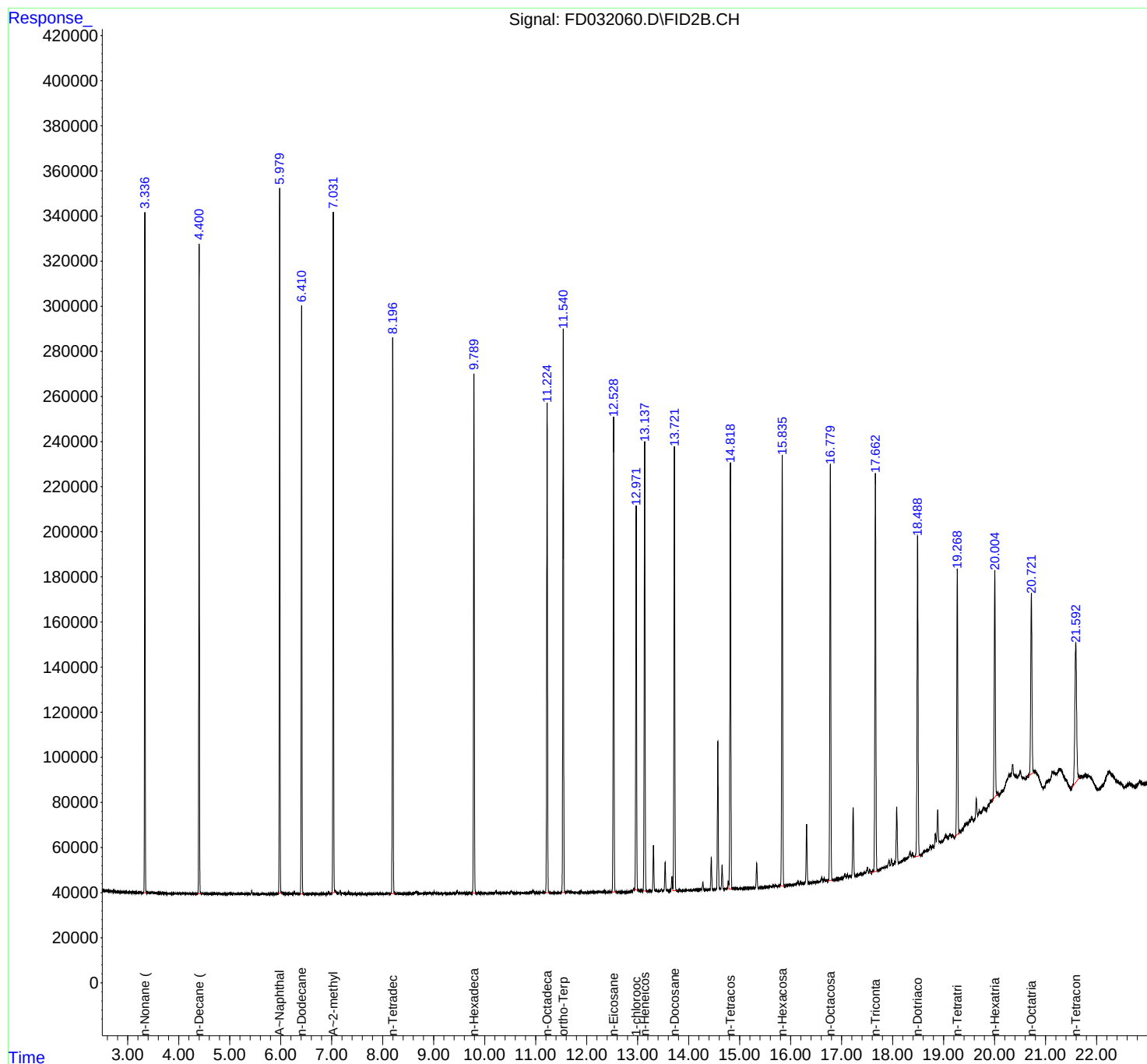
(m)=manual int.

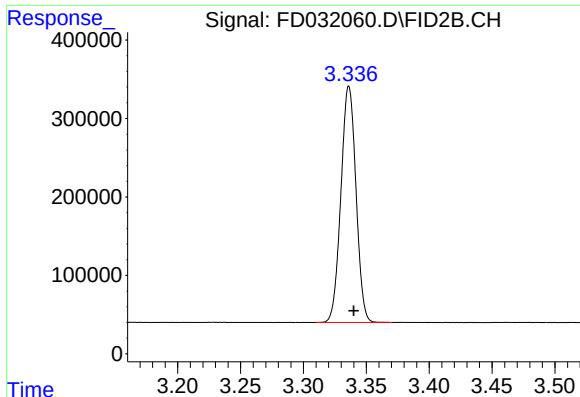
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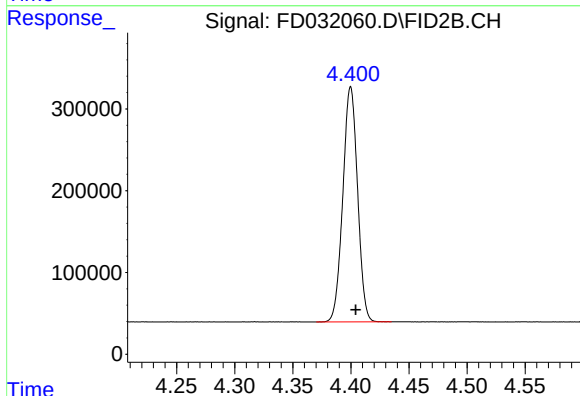




#1 n-Nonane (C9)

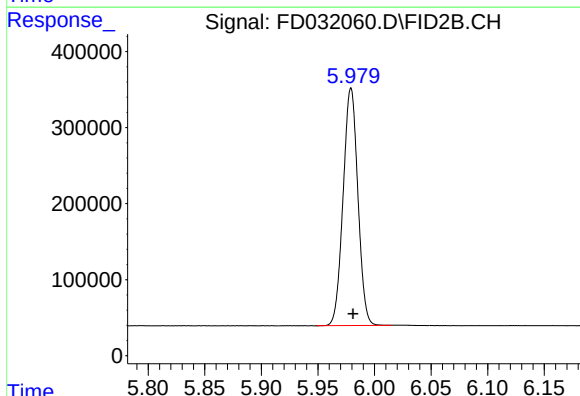
R.T.: 3.336 min
Delta R.T.: -0.004 min
Response: 2515932
Conc: 21.41 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



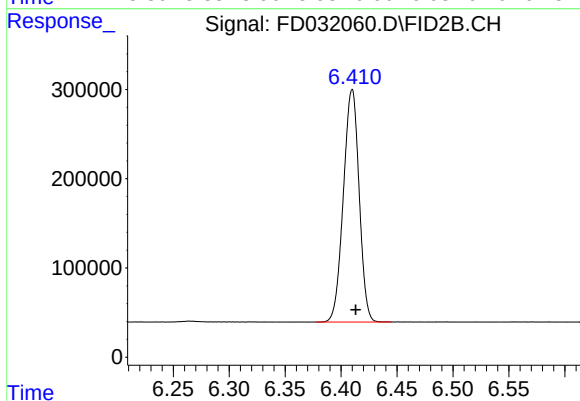
#2 n-Decane (C10)

R.T.: 4.400 min
Delta R.T.: -0.004 min
Response: 2536006
Conc: 21.53 ug/ml



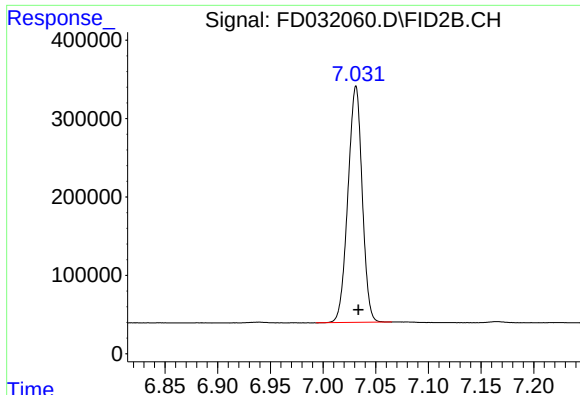
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.002 min
Response: 2834622
Conc: 21.43 ug/ml



#4 n-Dodecane (C12)

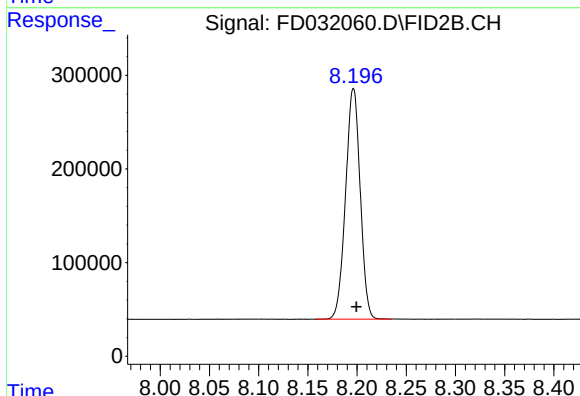
R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 2557723
Conc: 21.49 ug/ml



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

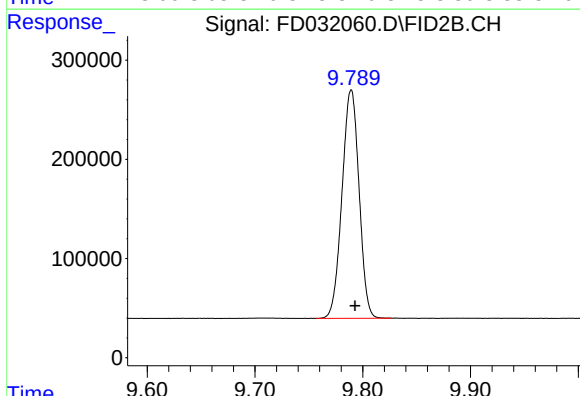
R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 2840569
Conc: 21.19 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



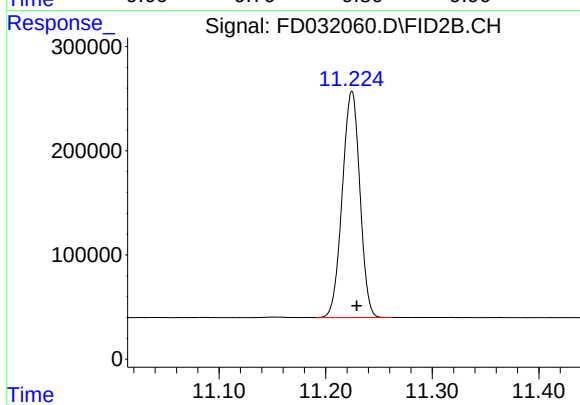
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 2548032
Conc: 20.99 ug/ml



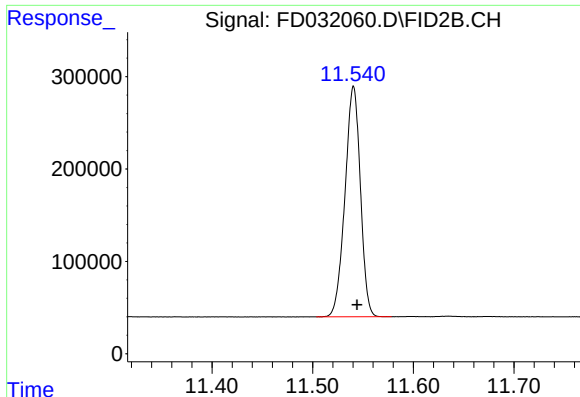
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.003 min
Response: 2530452
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

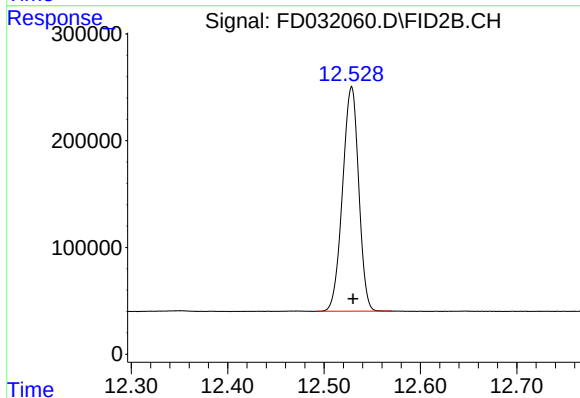
R.T.: 11.225 min
Delta R.T.: -0.004 min
Response: 2496438
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

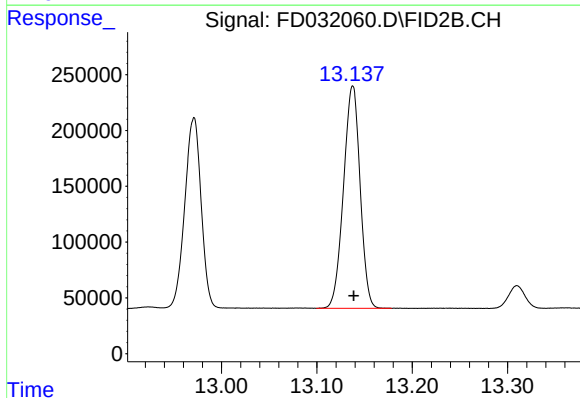
R.T.: 11.541 min
Delta R.T.: -0.004 min
Response: 2657472
Conc: 19.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



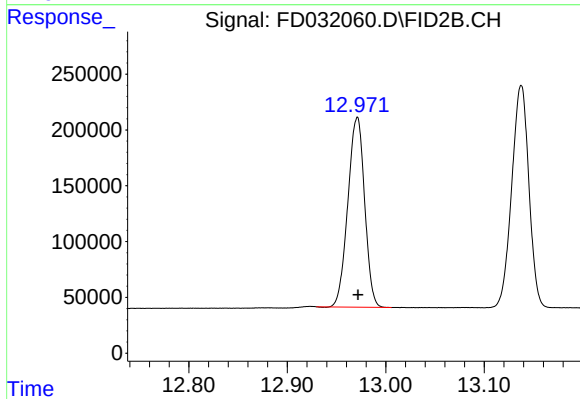
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.001 min
Response: 2439538
Conc: 19.12 ug/ml



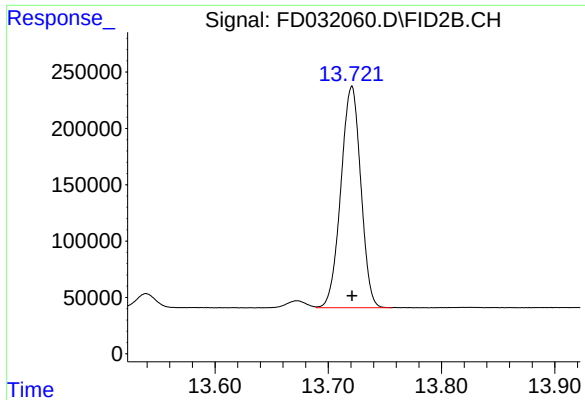
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.000 min
Response: 2414835
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

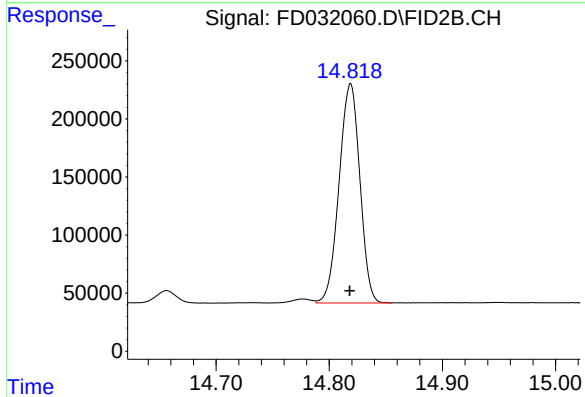
R.T.: 12.971 min
Delta R.T.: 0.000 min
Response: 2014024
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

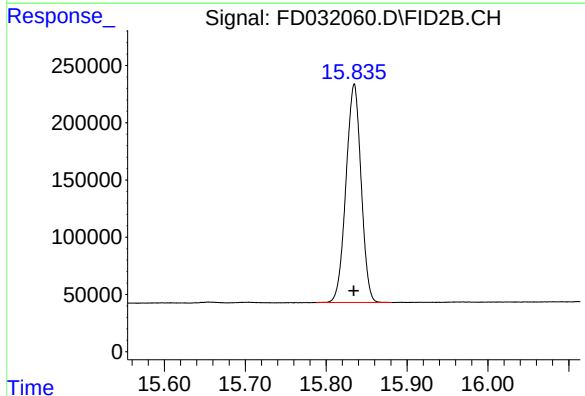
R.T.: 13.721 min
Delta R.T.: 0.000 min
Response: 2402945
Conc: 18.68 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



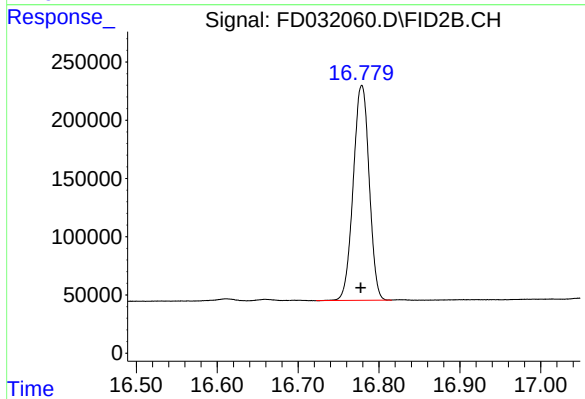
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.000 min
Response: 2406581
Conc: 18.53 ug/ml



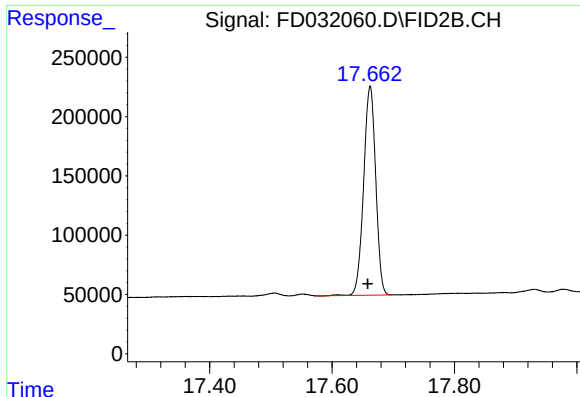
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.000 min
Response: 2478230
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

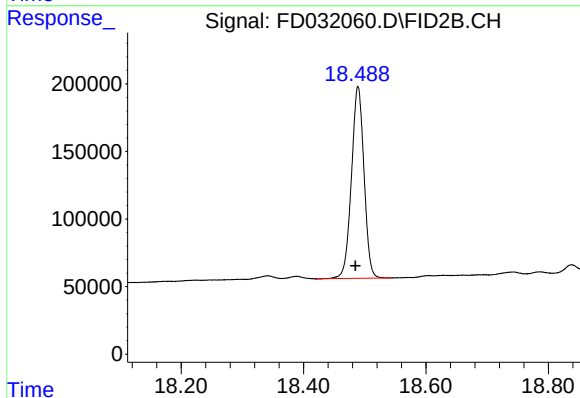
R.T.: 16.779 min
Delta R.T.: 0.001 min
Response: 2524280
Conc: 19.80 ug/ml



#17 n-Tricontane (C30)

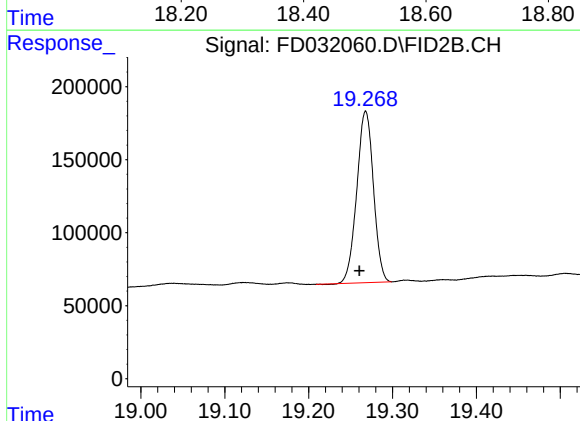
R.T.: 17.662 min
Delta R.T.: 0.004 min
Response: 2411858
Conc: 19.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



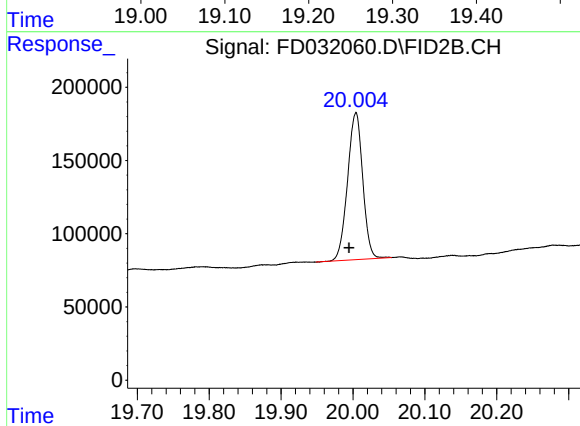
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.005 min
Response: 2018747
Conc: 19.28 ug/ml



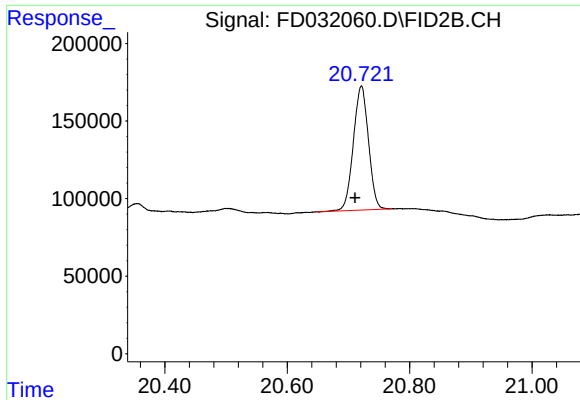
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: 0.008 min
Response: 1620652
Conc: 18.33 ug/ml



#20 n-Hexatriacontane (C36)

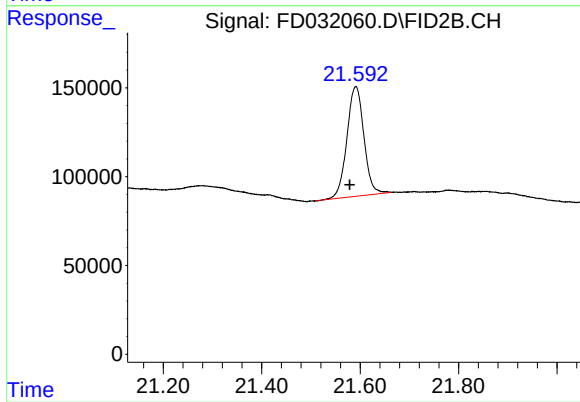
R.T.: 20.004 min
Delta R.T.: 0.010 min
Response: 1467779
Conc: 18.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: 0.011 min
Response: 1371891
Conc: 18.61 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.012 min
Response: 1480806
Conc: 19.56 ug/ml