

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011222AL\
 Data File : FD040567.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2022 13:13
 Operator : AJ\MA
 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 13 01:18:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.621	3167343	20.542 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	12.059	2398710	20.379 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	2.571	2684232	20.908 ug/ml
2) T n-Decane (C10)	3.558	2736299	21.250 ug/ml
3) T A~Naphthalene (C11.7)	5.088	3048890	21.460 ug/ml
4) T n-Dodecane (C12)	5.526	2777082	21.727 ug/ml
5) T A~2-methylnaphthalene...	6.127	3085699	21.873 ug/ml
6) T n-Tetradecane (C14)	7.302	2854521	22.036 ug/ml
7) T n-Hexadecane (C16)	8.889	2877294	22.085 ug/ml
8) T n-Octadecane (C18)	10.321	2926141	21.595 ug/ml
10) T n-Eicosane (C20)	11.622	2872418	21.118 ug/ml
11) T n-Heneicosane (C21)	12.229	2839998	20.509 ug/ml
13) T n-Docosane (C22)	12.812	2917853	21.161 ug/ml
14) T n-Tetracosane (C24)	13.909	3074520	21.988 ug/ml
15) T n-Hexacosane (C26)	14.924	3067462	22.253 ug/ml
16) T n-Octacosane (C28)	15.869	3103233	22.871 ug/ml
17) T n-Tricontane (C30)	16.752	3085144	23.670 ug/ml
18) T n-Dotriacontane (C32)	17.579	2838865	23.747 ug/ml
19) T n-Tetratriacontane (C34)	18.360	2483543	23.587 ug/ml
20) T n-Hexatriacontane (C36)	19.096	2138659	21.106 ug/ml
21) T n-Octatriacontane (C38)	19.795	1965249	21.996 ug/ml
22) T n-Tetracontane (C40)	20.594	1952764	22.844 ug/ml

(f)=RT Delta > 1/2 Window

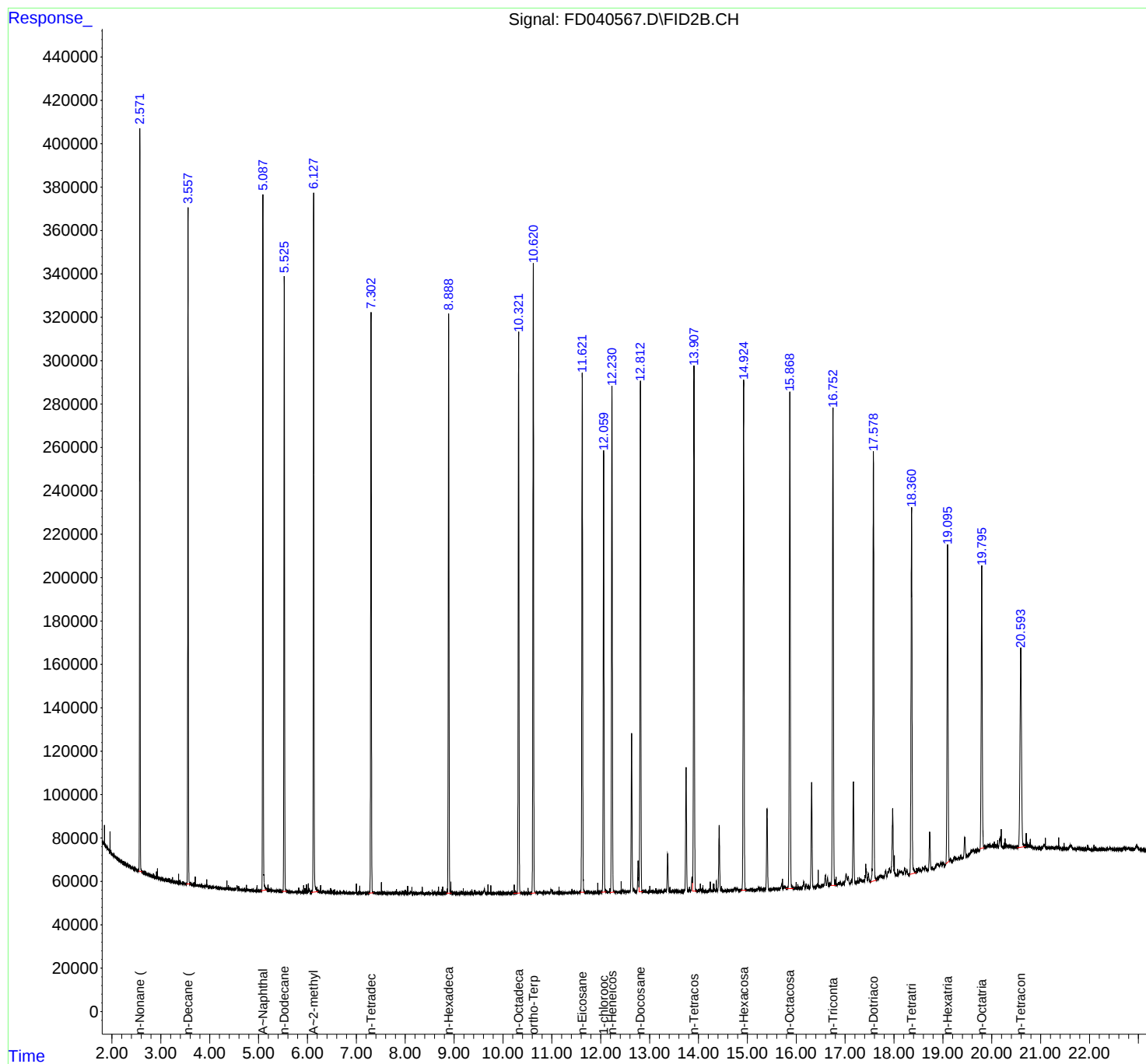
(m)=manual int.

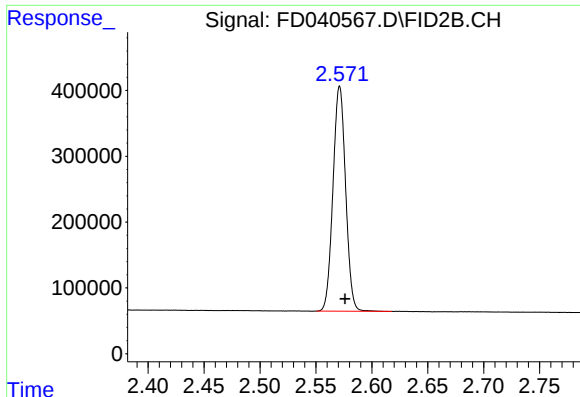
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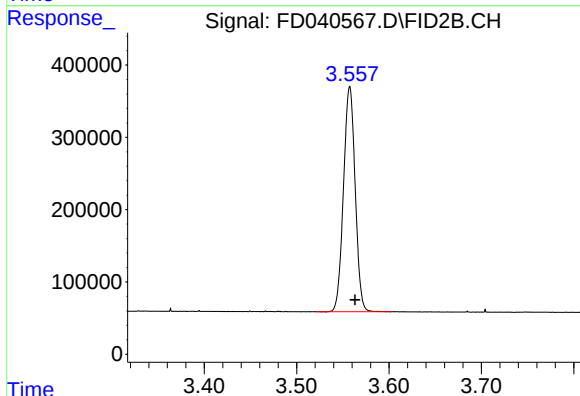




#1 n-Nonane (C9)

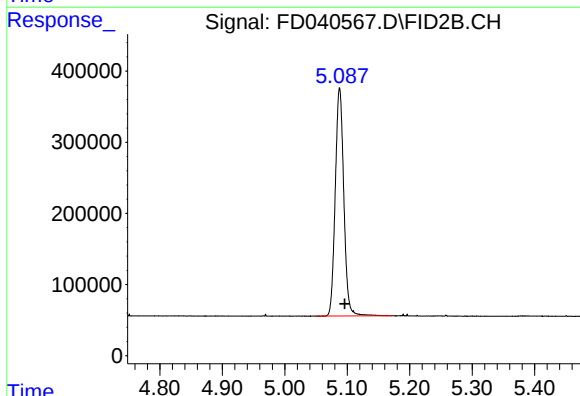
R.T.: 2.571 min
Delta R.T.: -0.005 min
Response: 2684232
Conc: 20.91 ug/ml

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20 PPM ALIPHATIC HC STD



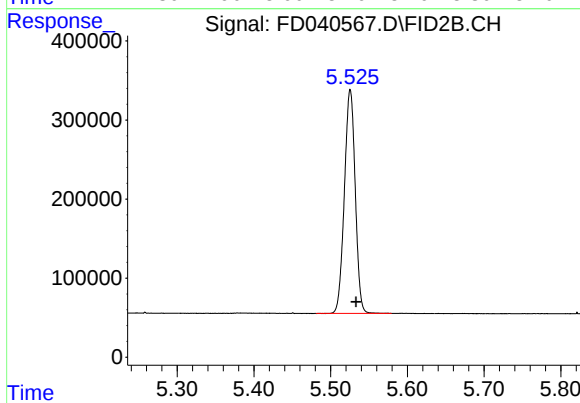
#2 n-Decane (C10)

R.T.: 3.558 min
Delta R.T.: -0.006 min
Response: 2736299
Conc: 21.25 ug/ml



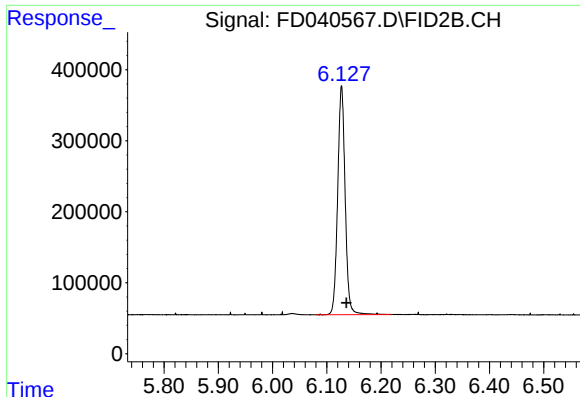
#3 A~Naphthalene (C11.7)

R.T.: 5.088 min
Delta R.T.: -0.008 min
Response: 3048890
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

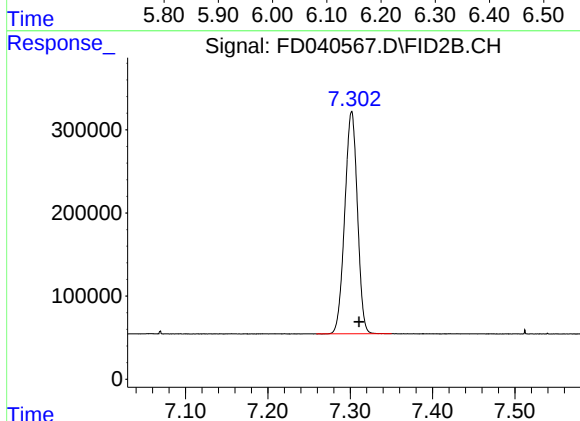
R.T.: 5.526 min
Delta R.T.: -0.008 min
Response: 2777082
Conc: 21.73 ug/ml



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

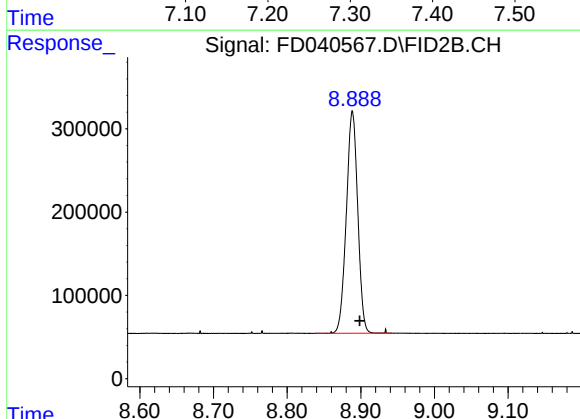
R.T.: 6.127 min
Delta R.T.: -0.009 min
Response: 3085699
Conc: 21.87 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



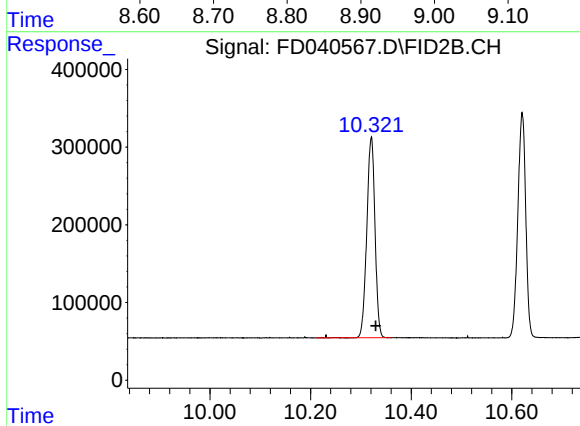
#6 n-Tetradecane (C14)

R.T.: 7.302 min
Delta R.T.: -0.009 min
Response: 2854521
Conc: 22.04 ug/ml



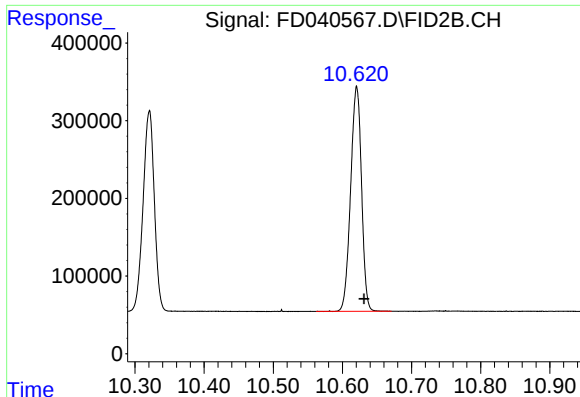
#7 n-Hexadecane (C16)

R.T.: 8.889 min
Delta R.T.: -0.010 min
Response: 2877294
Conc: 22.08 ug/ml



#8 n-Octadecane (C18)

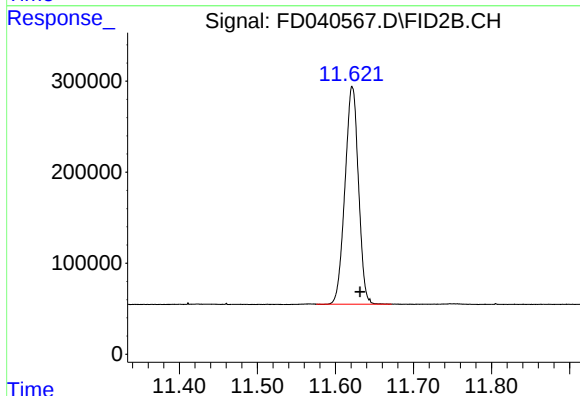
R.T.: 10.321 min
Delta R.T.: -0.009 min
Response: 2926141
Conc: 21.59 ug/ml



#9 ortho-Terphenyl (SURR)

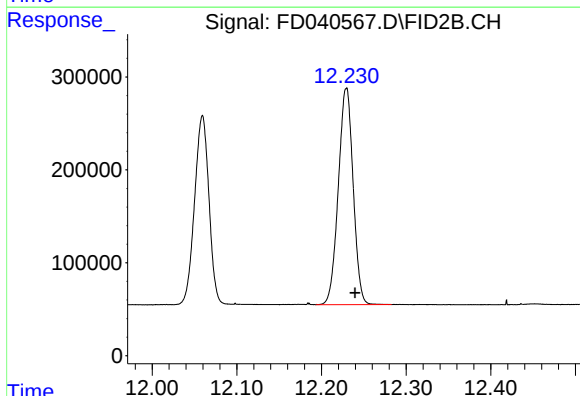
R.T.: 10.621 min
Delta R.T.: -0.010 min
Response: 3167343
Conc: 20.54 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



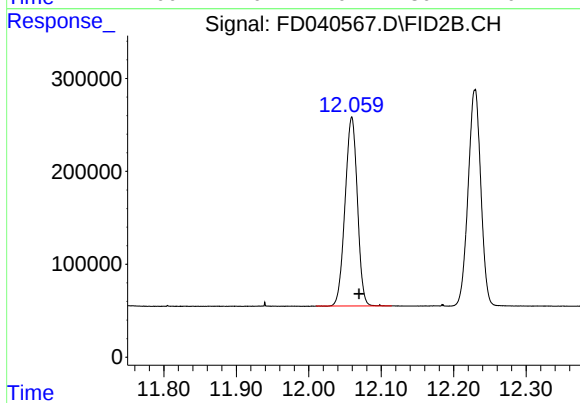
#10 n-Eicosane (C20)

R.T.: 11.622 min
Delta R.T.: -0.010 min
Response: 2872418
Conc: 21.12 ug/ml



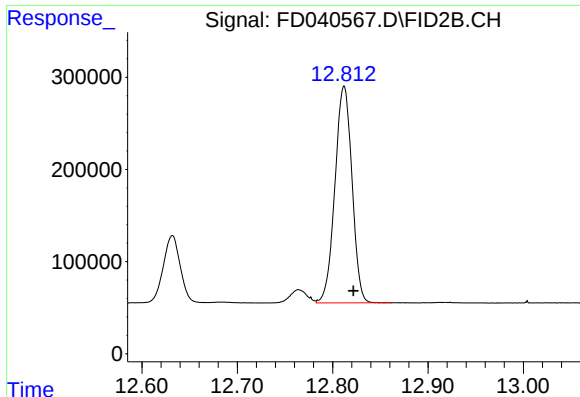
#11 n-Heneicosane (C21)

R.T.: 12.229 min
Delta R.T.: -0.010 min
Response: 2839998
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

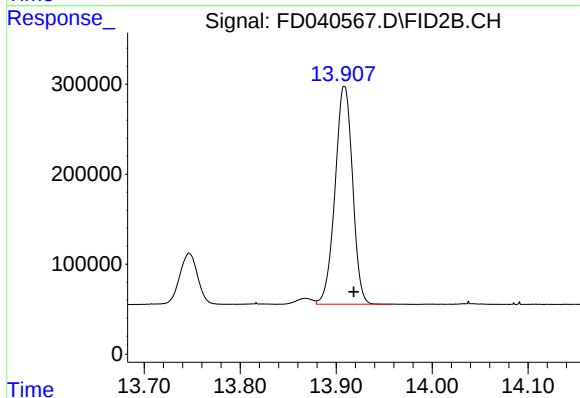
R.T.: 12.059 min
Delta R.T.: -0.010 min
Response: 2398710
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

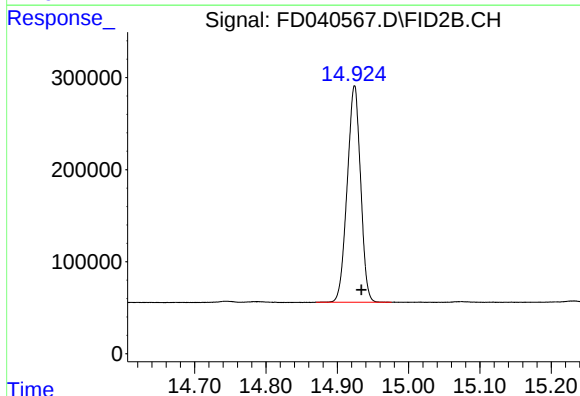
R.T.: 12.812 min
Delta R.T.: -0.010 min
Response: 2917853
Conc: 21.16 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



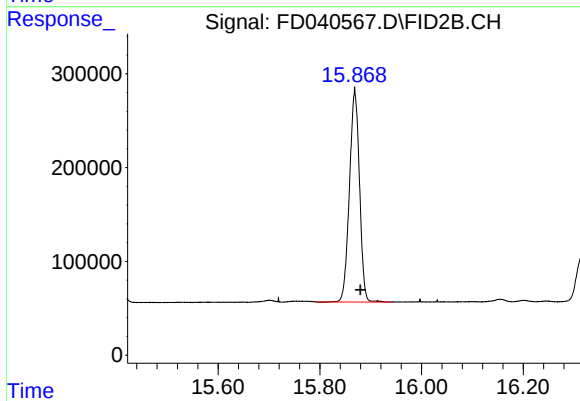
#14 n-Tetracosane (C24)

R.T.: 13.909 min
Delta R.T.: -0.010 min
Response: 3074520
Conc: 21.99 ug/ml



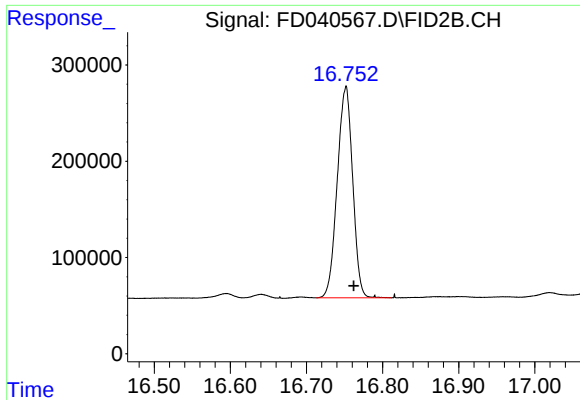
#15 n-Hexacosane (C26)

R.T.: 14.924 min
Delta R.T.: -0.010 min
Response: 3067462
Conc: 22.25 ug/ml



#16 n-Octacosane (C28)

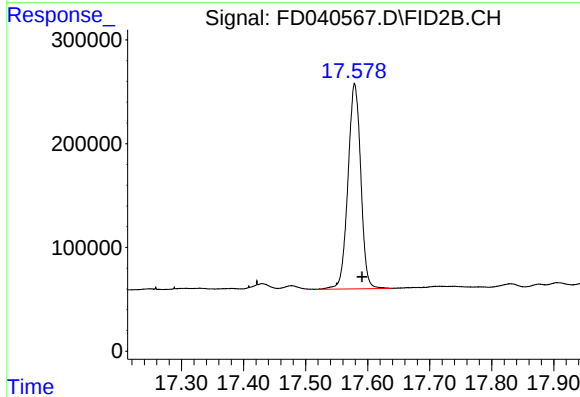
R.T.: 15.869 min
Delta R.T.: -0.011 min
Response: 3103233
Conc: 22.87 ug/ml



#17 n-Tricontane (C30)

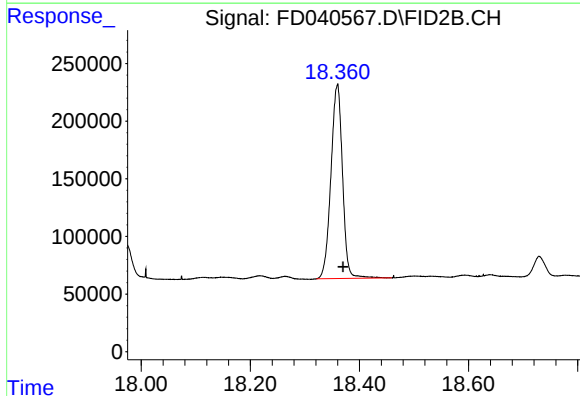
R.T.: 16.752 min
Delta R.T.: -0.010 min
Response: 3085144
Conc: 23.67 ug/ml

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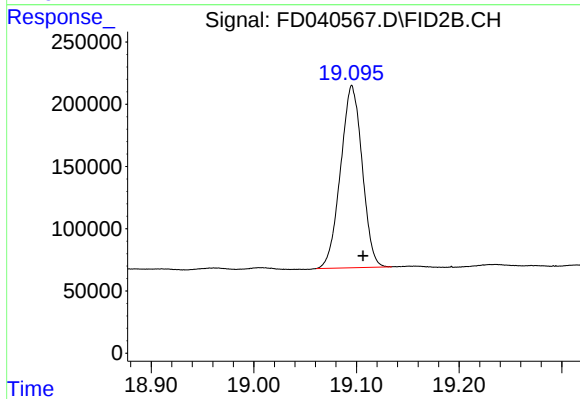
#18 n-Dotriacontane (C32)

R.T.: 17.579 min
Delta R.T.: -0.012 min
Response: 2838865
Conc: 23.75 ug/ml



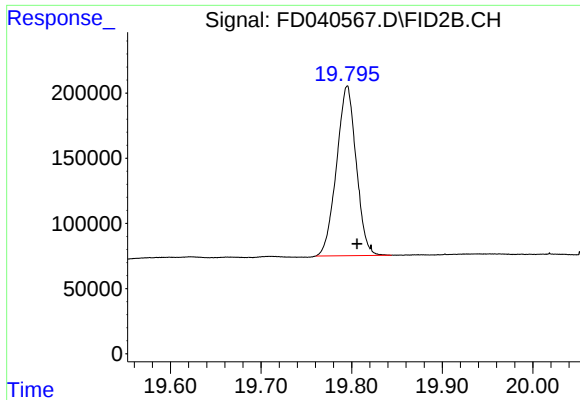
#19 n-Tetratriacontane (C34)

R.T.: 18.360 min
Delta R.T.: -0.010 min
Response: 2483543
Conc: 23.59 ug/ml



#20 n-Hexatriacontane (C36)

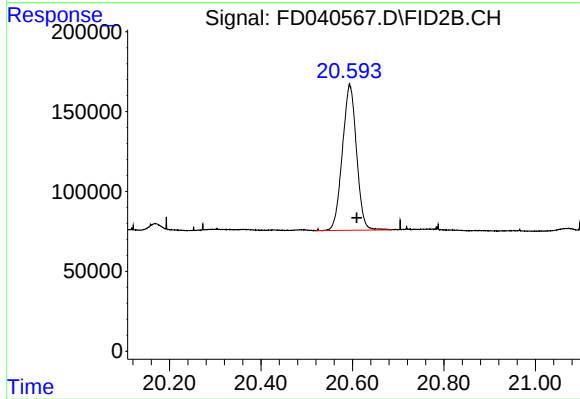
R.T.: 19.096 min
Delta R.T.: -0.011 min
Response: 2138659
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.795 min
Delta R.T.: -0.011 min
Response: 1965249
Conc: 22.00 ug/ml

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FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.594 min
Delta R.T.: -0.015 min
Response: 1952764
Conc: 22.84 ug/ml