

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022221AL\
 Data File : FD036231.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2021 10:03
 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: autoint1.e
 Quant Time: Feb 23 03:54:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 04:34:45 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)	11.508	2924487	21.181 ug/ml
Spiked Amount 50.000		Recovery =	42.36%
12) S 1-chlorooctadecane (S...	12.938	2309969	20.973 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.305	2492678	21.110 ug/ml
2) T n-Decane (C10)	4.367	2525911	21.187 ug/ml
3) T A~Naphthalene (C11.7)	5.942	2856559	21.264 ug/ml
4) T n-Dodecane (C12)	6.378	2589165	21.296 ug/ml
5) T A~2-methylnaphthalene...	6.995	2924394	21.303 ug/ml
6) T n-Tetradecane (C14)	8.166	2617236	21.161 ug/ml
7) T n-Hexadecane (C16)	9.759	2590574	21.269 ug/ml
8) T n-Octadecane (C18)	11.194	2707890	21.223 ug/ml
10) T n-Eicosane (C20)	12.497	2723929	21.088 ug/ml
11) T n-Heneicosane (C21)	13.106	2723095	20.973 ug/ml
13) T n-Docosane (C22)	13.690	2719236	20.930 ug/ml
14) T n-Tetracosane (C24)	14.786	2706261	20.693 ug/ml
15) T n-Hexacosane (C26)	15.801	2659051	20.449 ug/ml
16) T n-Octacosane (C28)	16.746	2624599	20.137 ug/ml
17) T n-Tricontane (C30)	17.629	2579104	19.789 ug/ml
18) T n-Dotriacontane (C32)	18.456	2485470	19.512 ug/ml
19) T n-Tetratriacontane (C34)	19.235	2376283	19.034 ug/ml
20) T n-Hexatriacontane (C36)	19.969	2194118	18.473 ug/ml
21) T n-Octatriacontane (C38)	20.681	2056324	18.410 ug/ml
22) T n-Tetracontane (C40)	21.538	2095381	18.776 ug/ml

(f)=RT Delta > 1/2 Window

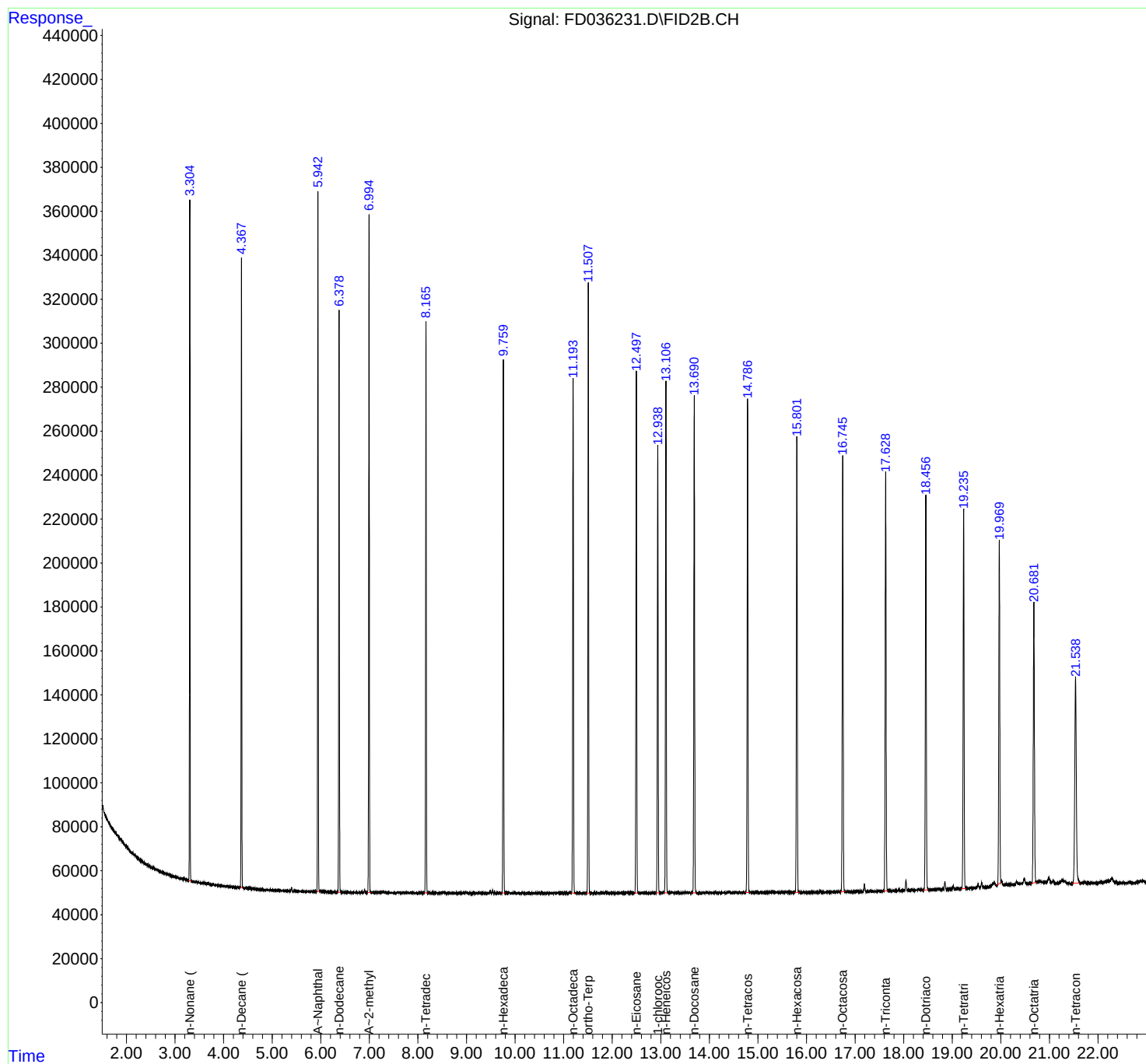
(m)=manual int.

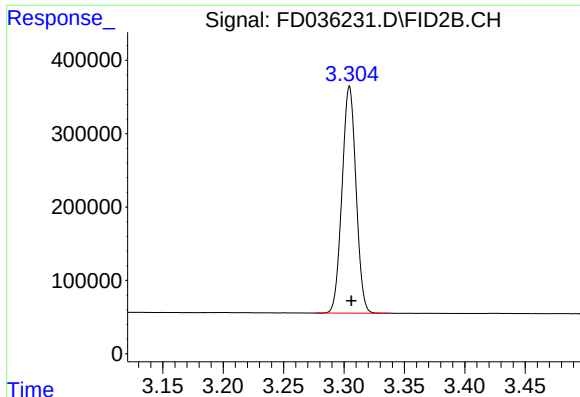
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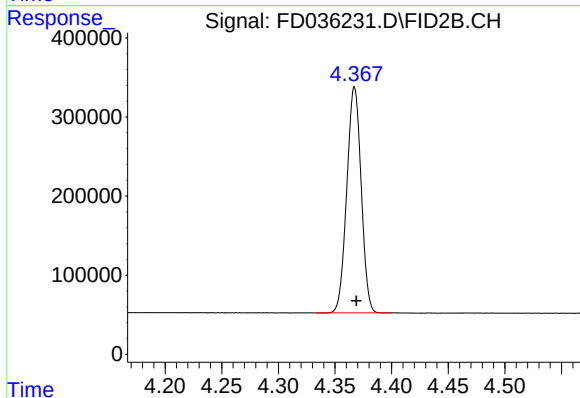




#1 n-Nonane (C9)

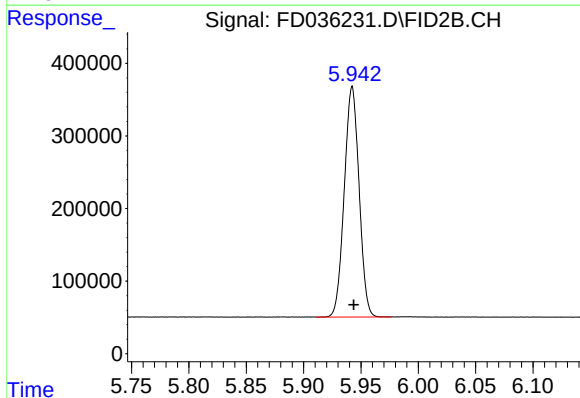
R.T.: 3.305 min
Delta R.T.: -0.001 min
Response: 2492678
Conc: 21.11 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



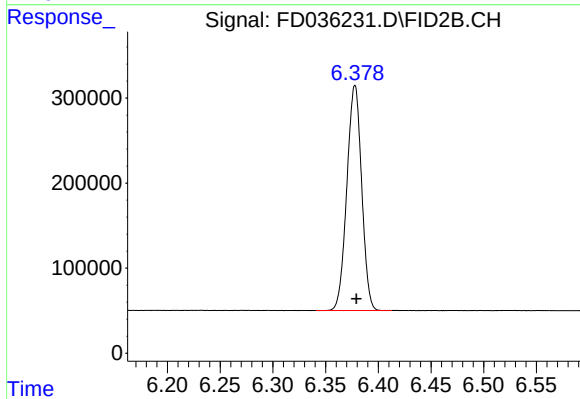
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 2525911
Conc: 21.19 ug/ml



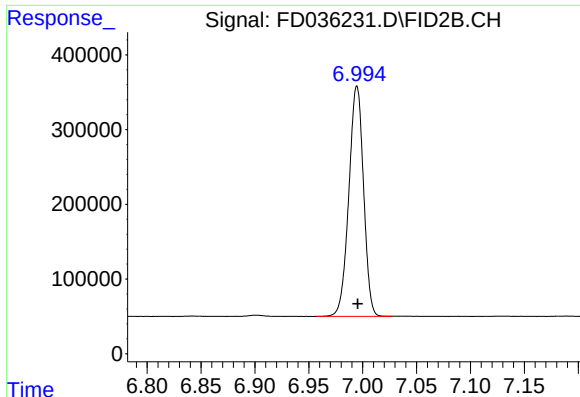
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 2856559
Conc: 21.26 ug/ml



#4 n-Dodecane (C12)

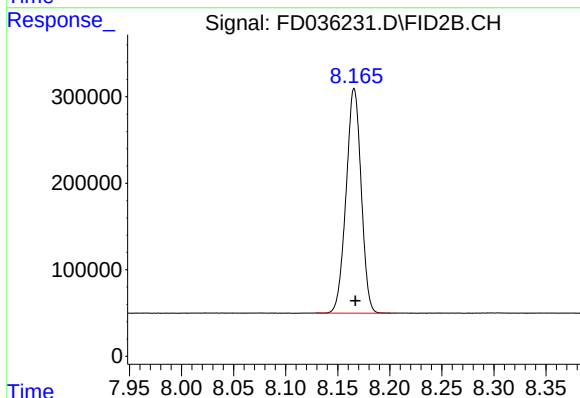
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 2589165
Conc: 21.30 ug/ml



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

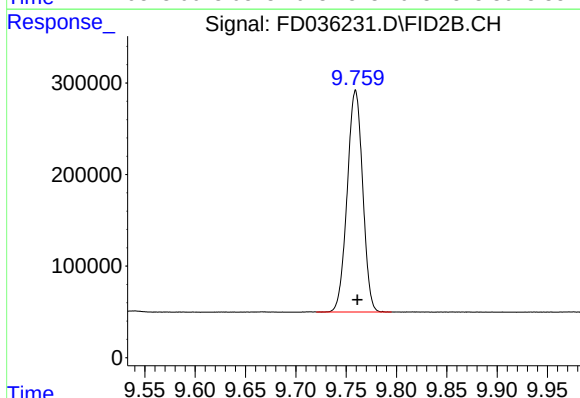
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 2924394
Conc: 21.30 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



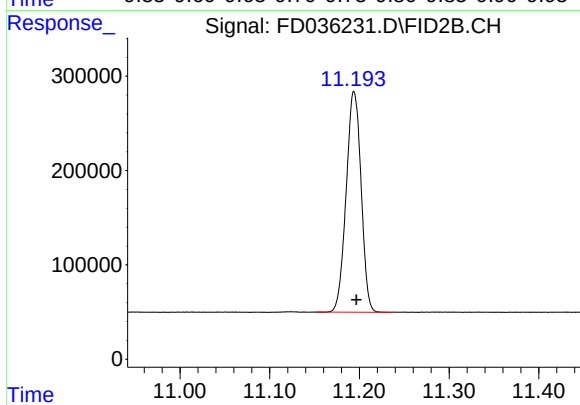
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.001 min
Response: 2617236
Conc: 21.16 ug/ml



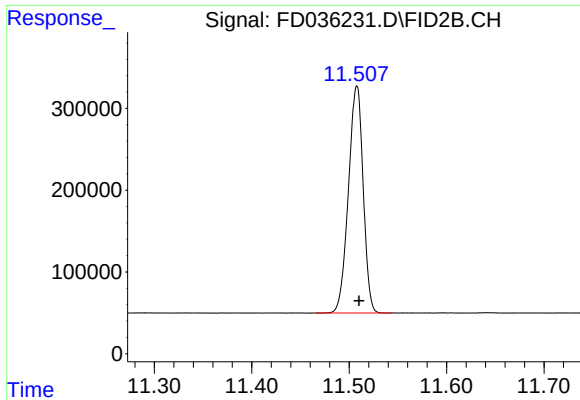
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.002 min
Response: 2590574
Conc: 21.27 ug/ml



#8 n-Octadecane (C18)

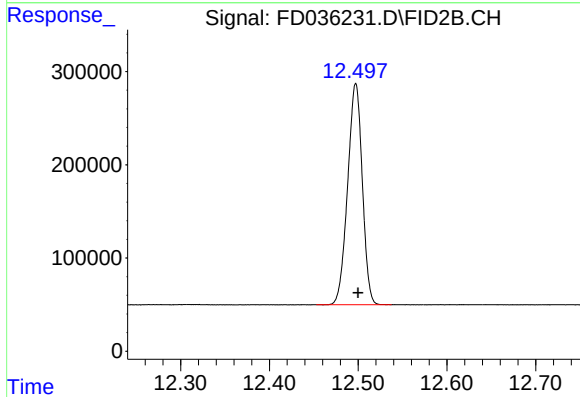
R.T.: 11.194 min
Delta R.T.: -0.003 min
Response: 2707890
Conc: 21.22 ug/ml



#9 ortho-Terphenyl (SURR)

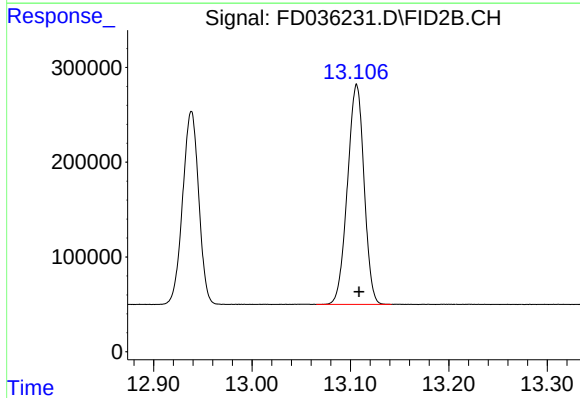
R.T.: 11.508 min
Delta R.T.: -0.002 min
Response: 2924487
Conc: 21.18 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



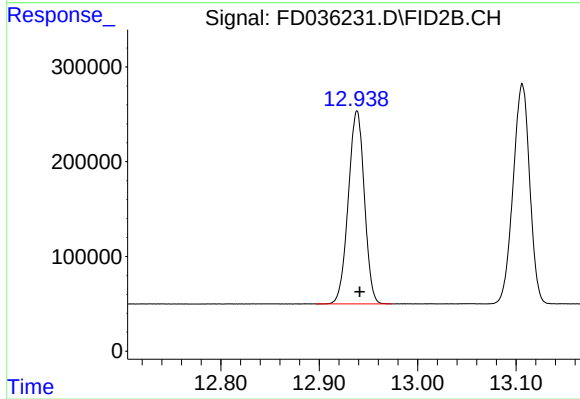
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: -0.003 min
Response: 2723929
Conc: 21.09 ug/ml



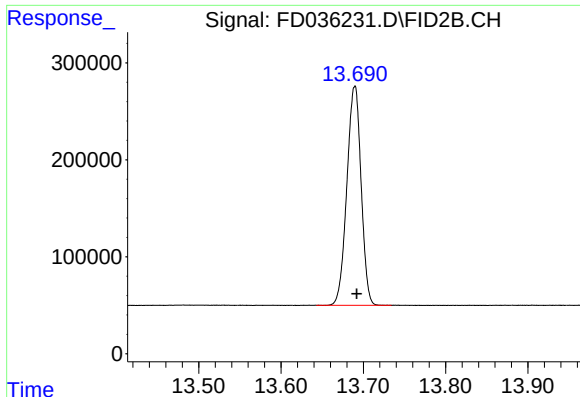
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: -0.003 min
Response: 2723095
Conc: 20.97 ug/ml



#12 1-chlorooctadecane (SURR)

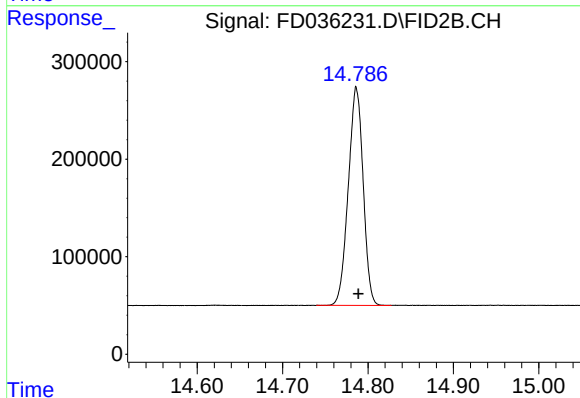
R.T.: 12.938 min
Delta R.T.: -0.003 min
Response: 2309969
Conc: 20.97 ug/ml



#13 n-Docosane (C22)

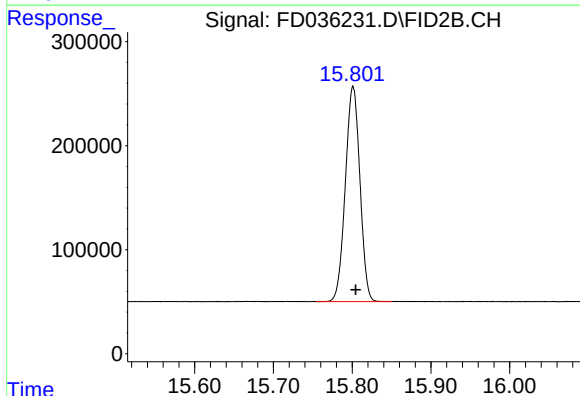
R.T.: 13.690 min
Delta R.T.: -0.002 min
Response: 2719236
Conc: 20.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



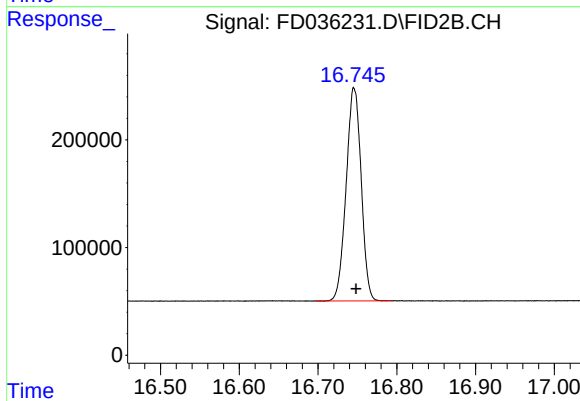
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.002 min
Response: 2706261
Conc: 20.69 ug/ml



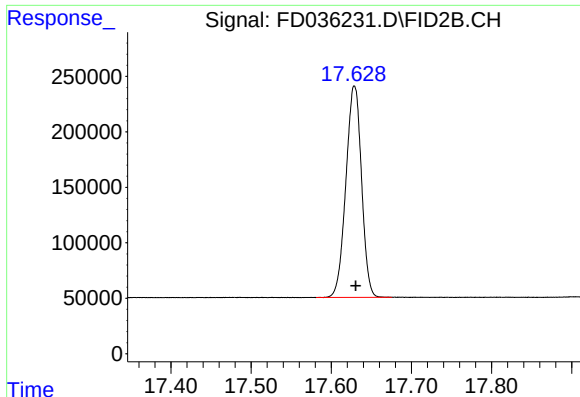
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: -0.003 min
Response: 2659051
Conc: 20.45 ug/ml



#16 n-Octacosane (C28)

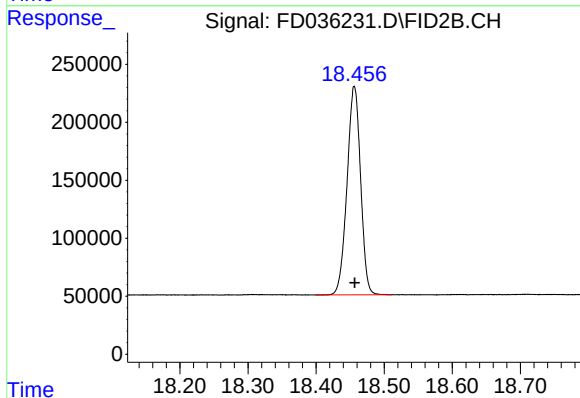
R.T.: 16.746 min
Delta R.T.: -0.003 min
Response: 2624599
Conc: 20.14 ug/ml



#17 n-Tricontane (C30)

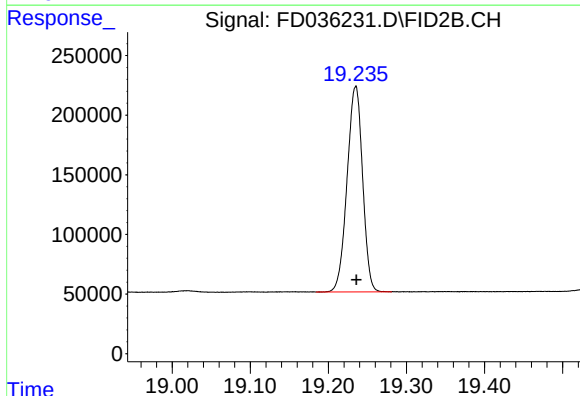
R.T.: 17.629 min
Delta R.T.: -0.001 min
Response: 2579104
Conc: 19.79 ug/ml

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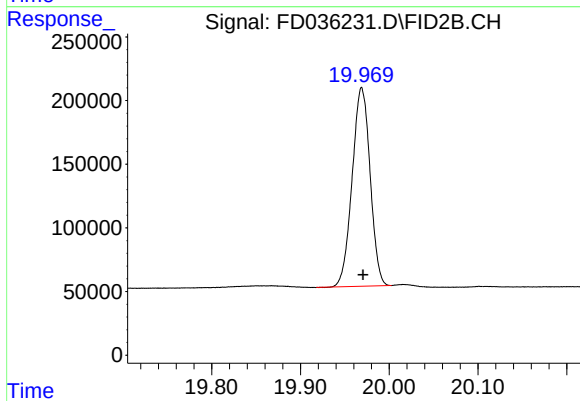
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: 0.000 min
Response: 2485470
Conc: 19.51 ug/ml



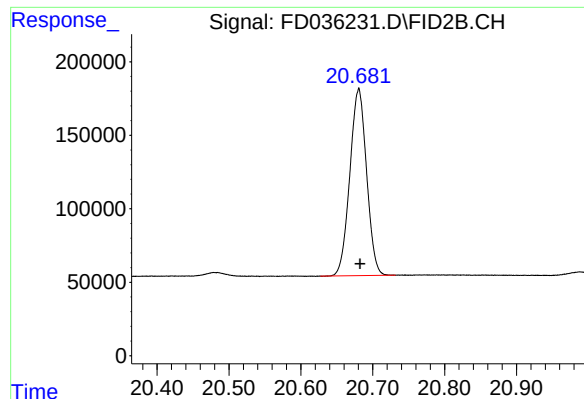
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.000 min
Response: 2376283
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

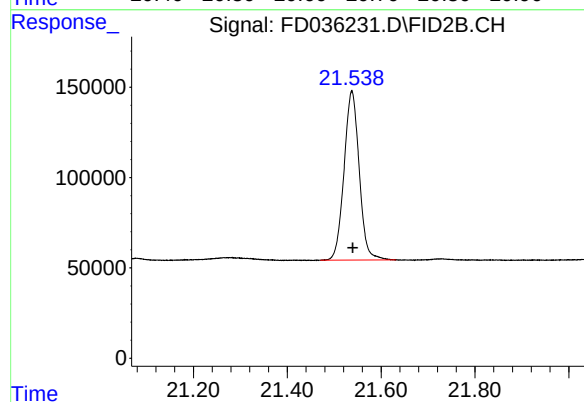
R.T.: 19.969 min
Delta R.T.: -0.002 min
Response: 2194118
Conc: 18.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: -0.002 min
Response: 2056324
Conc: 18.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.538 min
Delta R.T.: -0.002 min
Response: 2095381
Conc: 18.78 ug/ml