

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041420AL\
 Data File : FD032902.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2020 18:07
 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 15 02:32:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 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)	11.499	2985506	19.870 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	12.929	2325031	19.809 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.310	2701718	20.206 ug/ml
2) T n-Decane (C10)	4.369	2719320	20.297 ug/ml
3) T A~Naphthalene (C11.7)	5.943	2994423	20.317 ug/ml
4) T n-Dodecane (C12)	6.375	2750599	20.287 ug/ml
5) T A~2-methylnaphthalene...	6.993	3015802	20.300 ug/ml
6) T n-Tetradecane (C14)	8.159	2761857	20.201 ug/ml
7) T n-Hexadecane (C16)	9.751	2773385	20.188 ug/ml
8) T n-Octadecane (C18)	11.185	2780173	20.076 ug/ml
10) T n-Eicosane (C20)	12.487	2770307	19.944 ug/ml
11) T n-Heneicosane (C21)	13.096	2774658	19.808 ug/ml
13) T n-Docosane (C22)	13.680	2738957	19.728 ug/ml
14) T n-Tetracosane (C24)	14.777	2702692	19.696 ug/ml
15) T n-Hexacosane (C26)	15.792	2604139	19.583 ug/ml
16) T n-Octacosane (C28)	16.737	2470423	19.572 ug/ml
17) T n-Tricontane (C30)	17.620	2233385	19.621 ug/ml
18) T n-Dotriacontane (C32)	18.448	1657349	19.730 ug/ml
19) T n-Tetratriacontane (C34)	19.228	1204105	19.854 ug/ml
20) T n-Hexatriacontane (C36)	19.963	1019337	20.316 ug/ml
21) T n-Octatriacontane (C38)	20.677	960574	19.952 ug/ml
22) T n-Tetracontane (C40)	21.530	990852	19.637 ug/ml

(f)=RT Delta > 1/2 Window

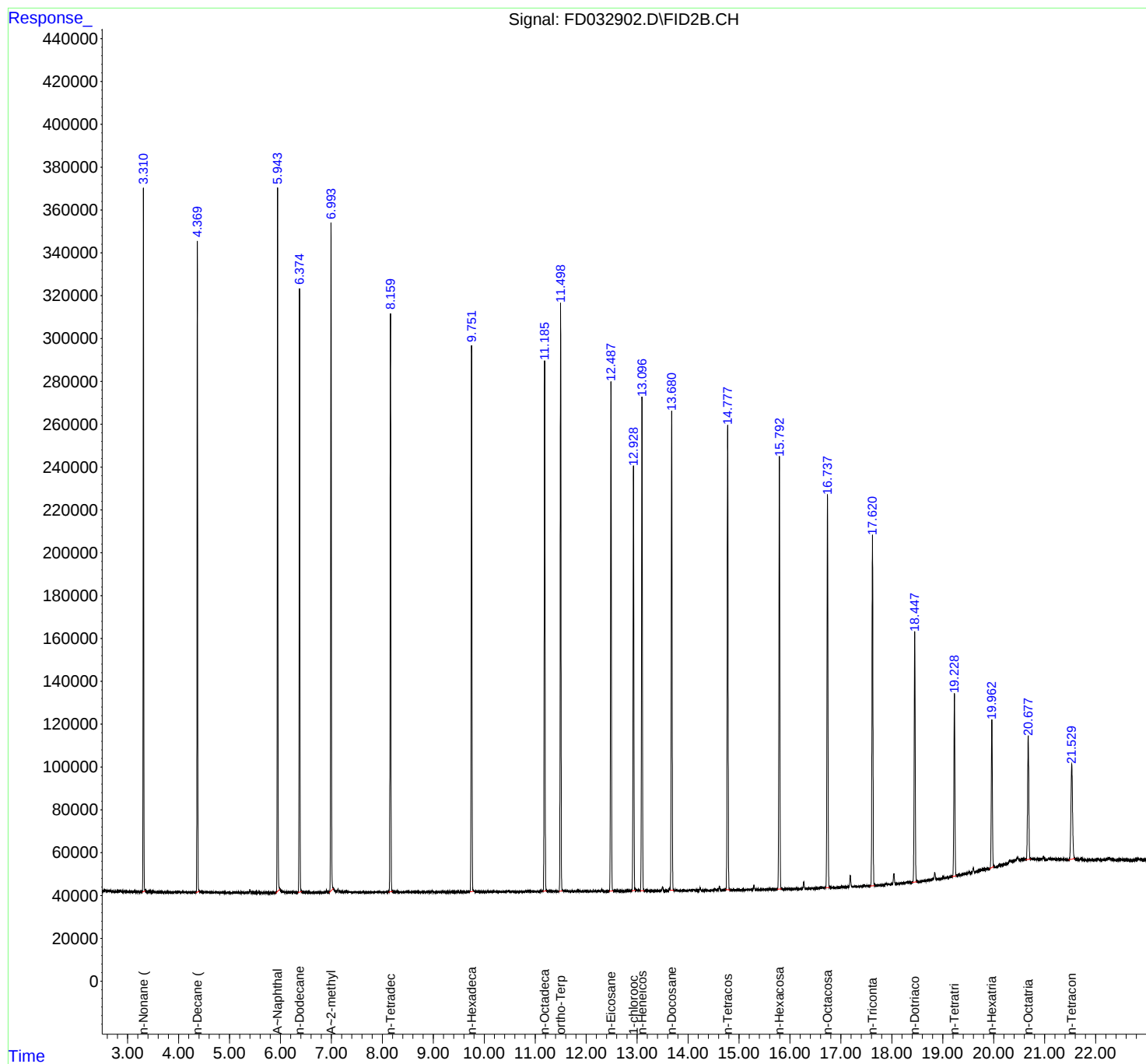
(m)=manual int.

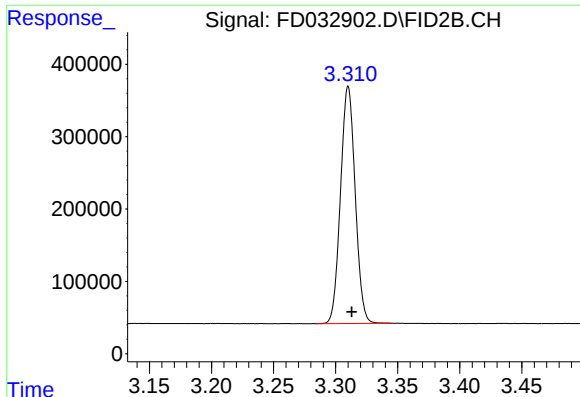
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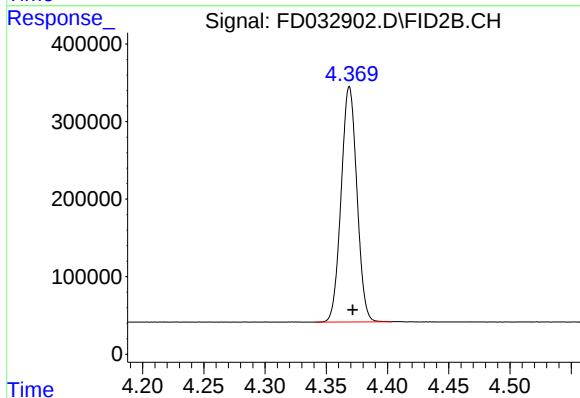




#1 n-Nonane (C9)

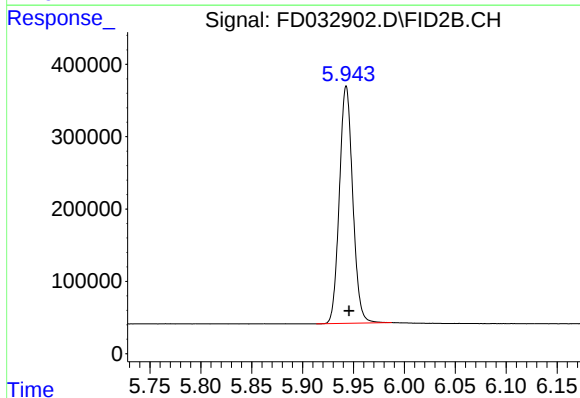
R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 2701718
Conc: 20.21 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



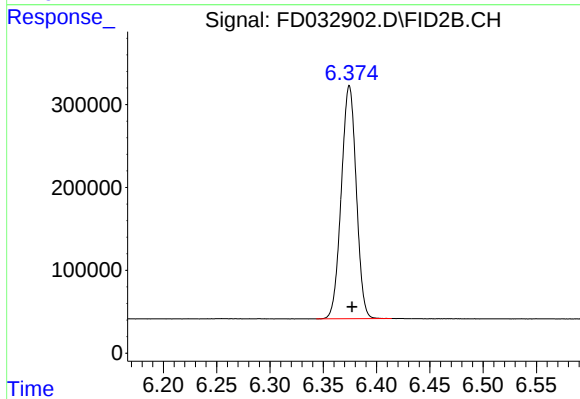
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 2719320
Conc: 20.30 ug/ml



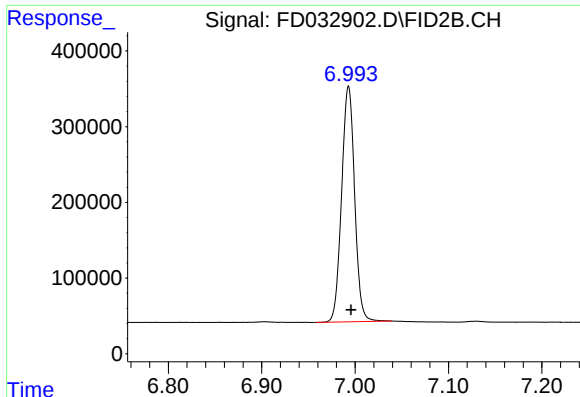
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.003 min
Response: 2994423
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

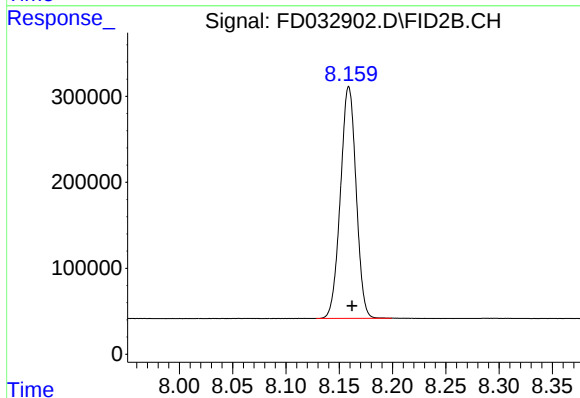
R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 2750599
Conc: 20.29 ug/ml



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

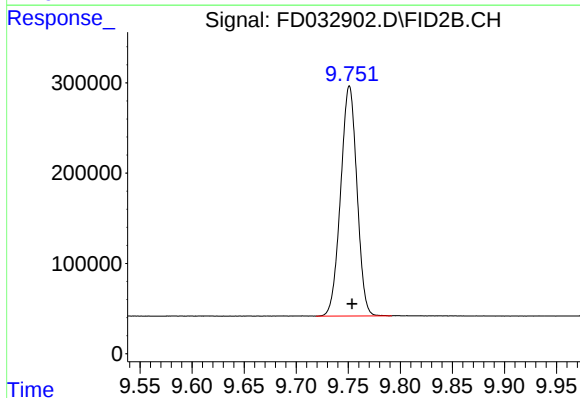
R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 3015802
Conc: 20.30 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



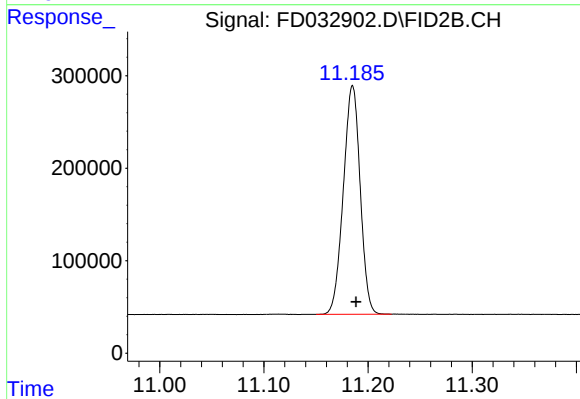
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.003 min
Response: 2761857
Conc: 20.20 ug/ml



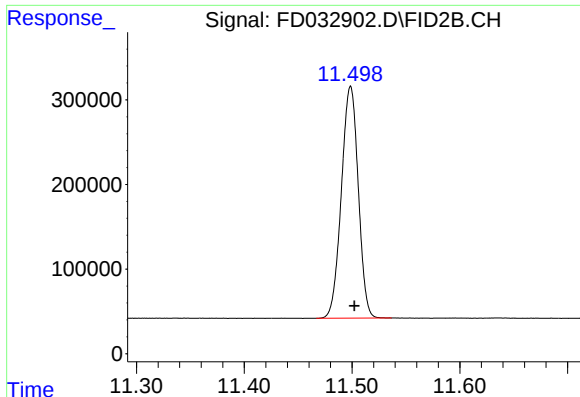
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: -0.003 min
Response: 2773385
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

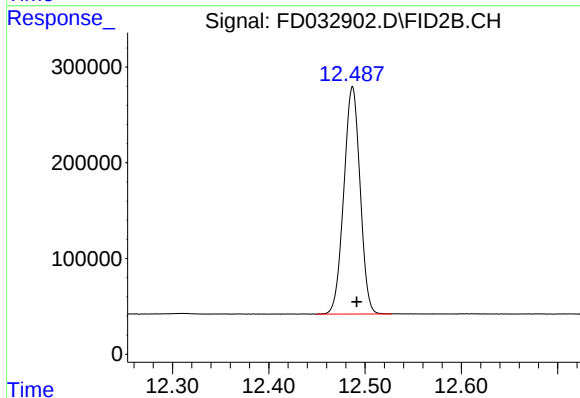
R.T.: 11.185 min
Delta R.T.: -0.003 min
Response: 2780173
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

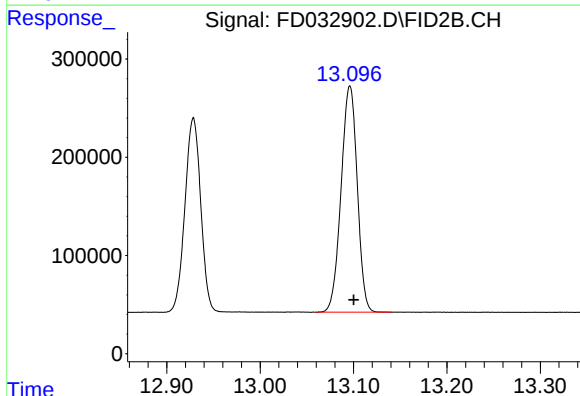
R.T.: 11.499 min
Delta R.T.: -0.004 min
Response: 2985506
Conc: 19.87 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



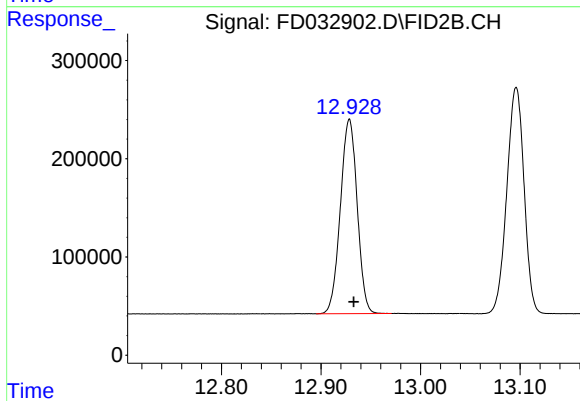
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.004 min
Response: 2770307
Conc: 19.94 ug/ml



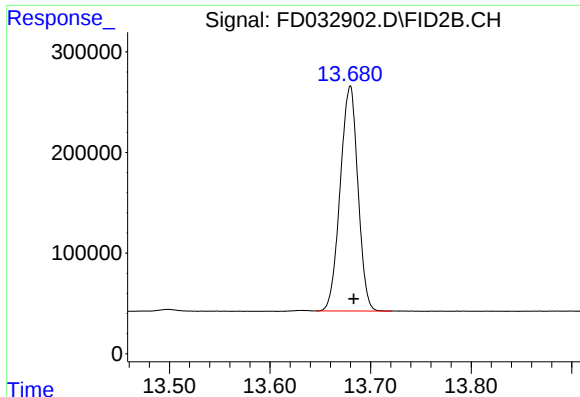
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.004 min
Response: 2774658
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

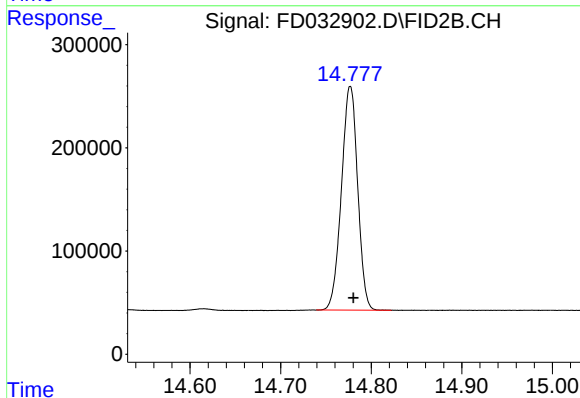
R.T.: 12.929 min
Delta R.T.: -0.004 min
Response: 2325031
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

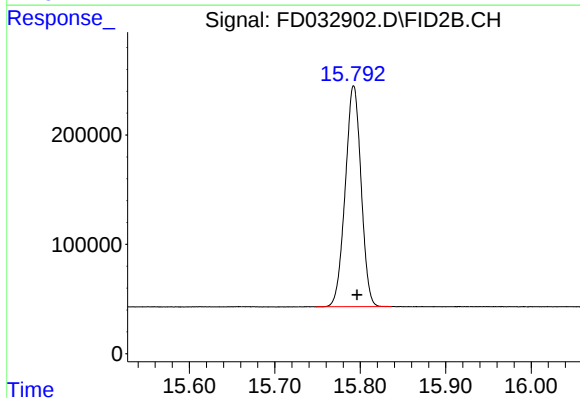
R.T.: 13.680 min
Delta R.T.: -0.004 min
Response: 2738957
Conc: 19.73 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



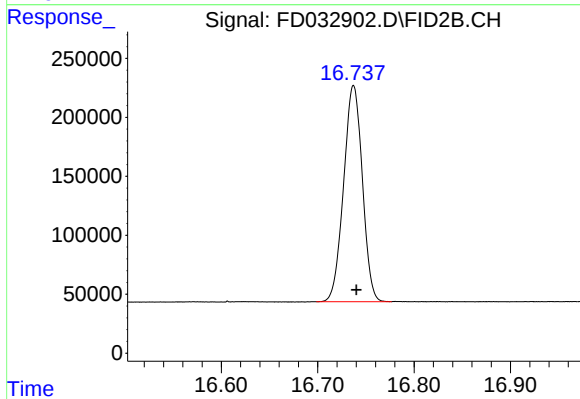
#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: -0.004 min
Response: 2702692
Conc: 19.70 ug/ml



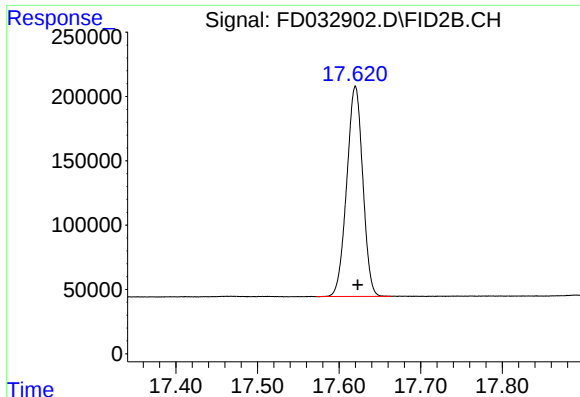
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: -0.004 min
Response: 2604139
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

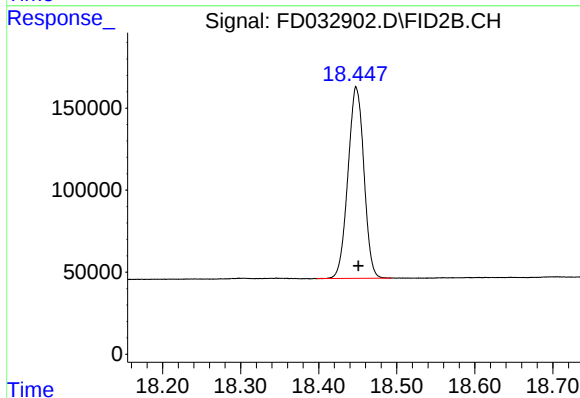
R.T.: 16.737 min
Delta R.T.: -0.003 min
Response: 2470423
Conc: 19.57 ug/ml



#17 n-Tricontane (C30)

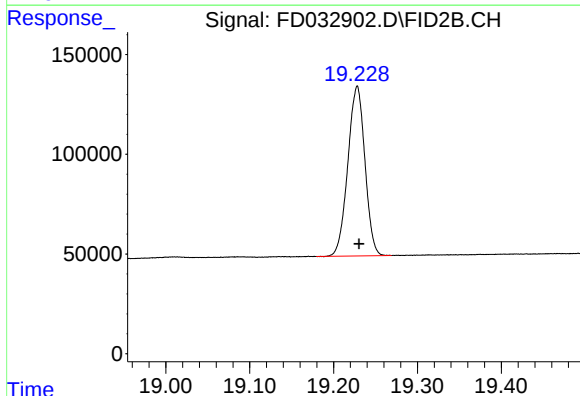
R.T.: 17.620 min
Delta R.T.: -0.003 min
Response: 2233385
Conc: 19.62 ug/ml

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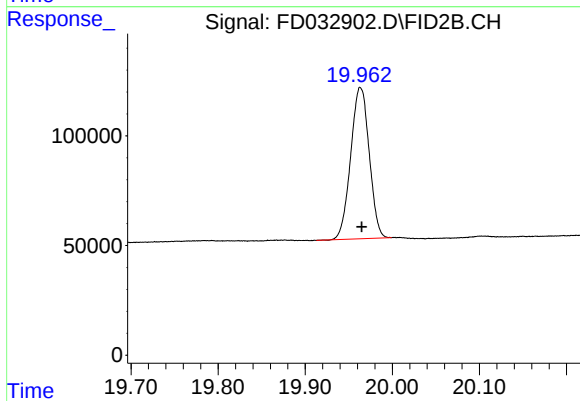
#18 n-Dotriacontane (C32)

R.T.: 18.448 min
Delta R.T.: -0.003 min
Response: 1657349
Conc: 19.73 ug/ml



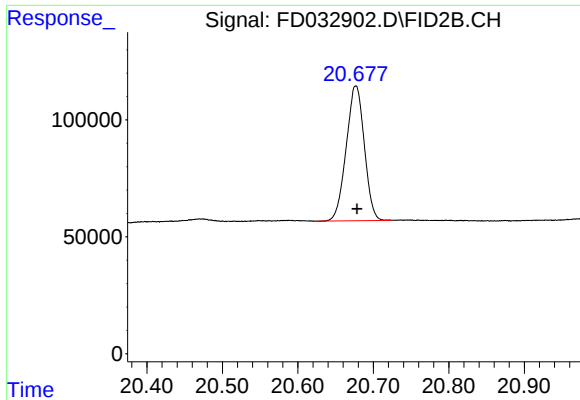
#19 n-Tetratriacontane (C34)

R.T.: 19.228 min
Delta R.T.: -0.002 min
Response: 1204105
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

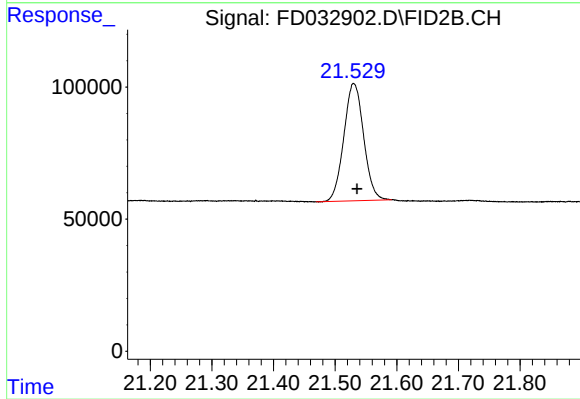
R.T.: 19.963 min
Delta R.T.: -0.002 min
Response: 1019337
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.677 min
Delta R.T.: -0.002 min
Response: 960574
Conc: 19.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.530 min
Delta R.T.: -0.006 min
Response: 990852
Conc: 19.64 ug/ml