

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040320AL\
 Data File : FD032792.D
 Signal(s) : FID2B.CH
 Acq On : 03 Apr 2020 9:30
 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: Apr 04 02:23:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030420.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 05 10:06:03 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)	11.504	2678122	18.669 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
12) S 1-chlorooctadecane (S...	12.935	2029345	18.167 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
Target Compounds			
1) T n-Nonane (C9)	3.314	2801400	22.064 ug/ml
2) T n-Decane (C10)	4.373	2814625	22.101 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2991398	21.081 ug/ml
4) T n-Dodecane (C12)	6.379	2809433	21.585 ug/ml
5) T A~2-methylnaphthalene...	6.998	2945104	20.355 ug/ml
6) T n-Tetradecane (C14)	8.164	2745947	20.864 ug/ml
7) T n-Hexadecane (C16)	9.757	2663524	20.110 ug/ml
8) T n-Octadecane (C18)	11.190	2576939	19.381 ug/ml
10) T n-Eicosane (C20)	12.493	2478461	18.757 ug/ml
11) T n-Heneicosane (C21)	13.102	2442354	18.429 ug/ml
13) T n-Docosane (C22)	13.686	2380631	18.151 ug/ml
14) T n-Tetracosane (C24)	14.783	2327808	17.880 ug/ml
15) T n-Hexacosane (C26)	15.799	2274959	17.859 ug/ml
16) T n-Octacosane (C28)	16.744	2233848	18.060 ug/ml
17) T n-Tricontane (C30)	17.627	2174686	18.473 ug/ml
18) T n-Dotriacontane (C32)	18.455	1889158	18.919 ug/ml
19) T n-Tetratriacontane (C34)	19.235	1654639	19.543 ug/ml
20) T n-Hexatriacontane (C36)	19.970	1550099	19.932 ug/ml
21) T n-Octatriacontane (C38)	20.684	1530163	20.683 ug/ml
22) T n-Tetracontane (C40)	21.543	1594036	19.670 ug/ml

(f)=RT Delta > 1/2 Window

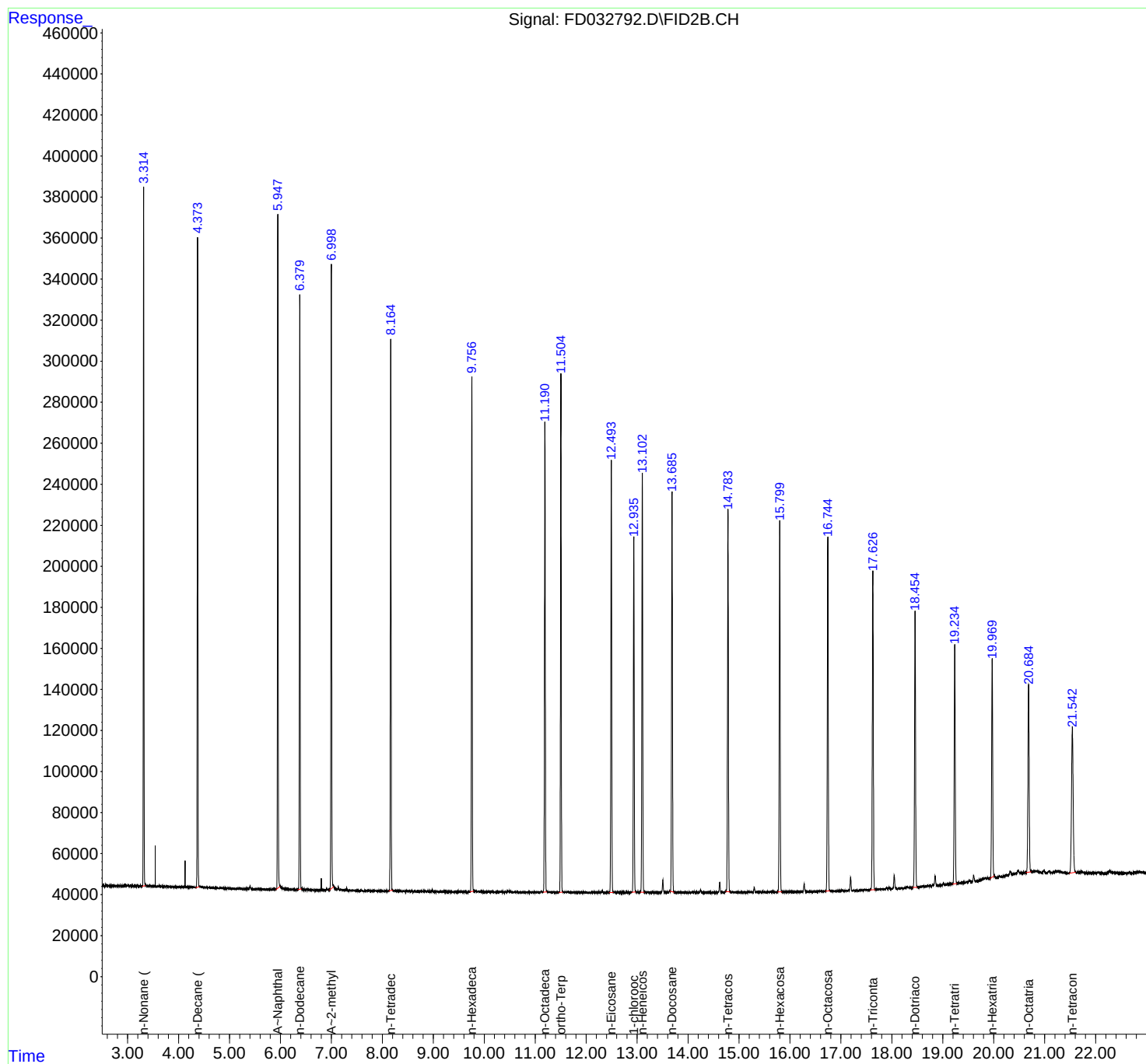
(m)=manual int.

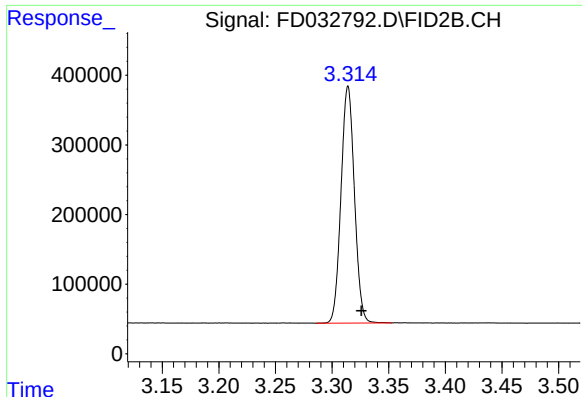
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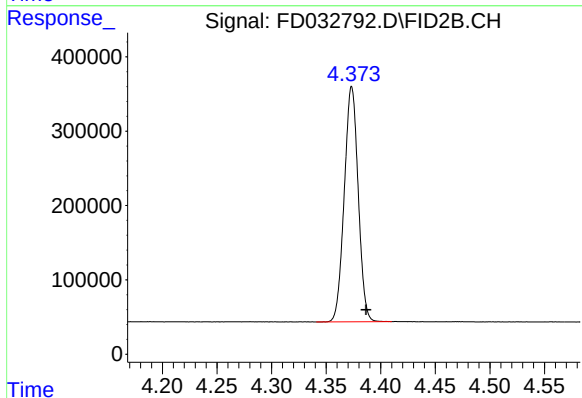




#1 n-Nonane (C9)

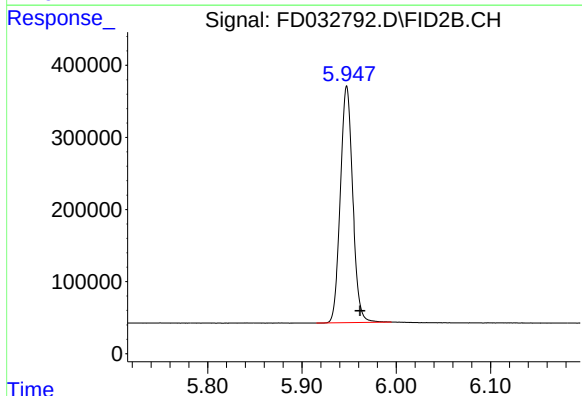
R.T.: 3.314 min
Delta R.T.: -0.012 min
Response: 2801400
Conc: 22.06 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



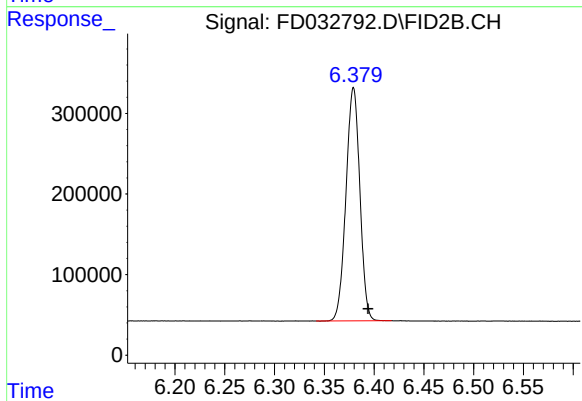
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.013 min
Response: 2814625
Conc: 22.10 ug/ml



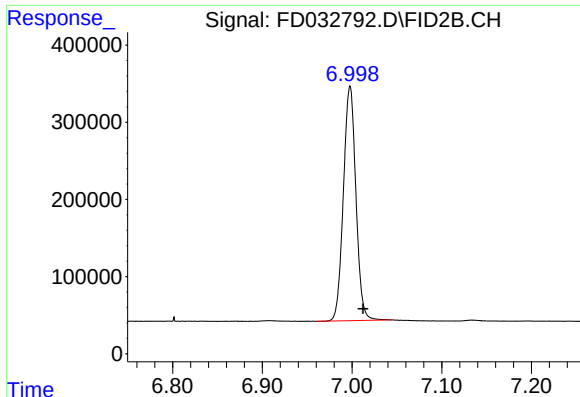
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.014 min
Response: 2991398
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

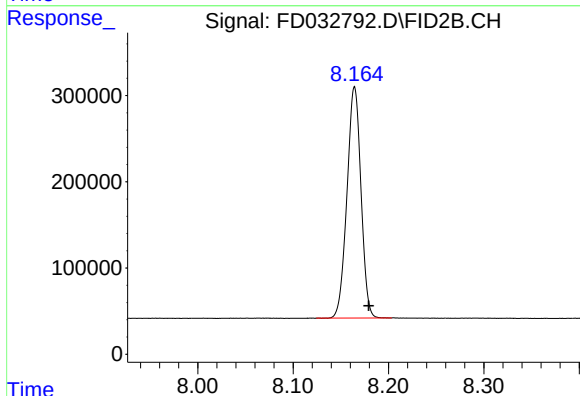
R.T.: 6.379 min
Delta R.T.: -0.014 min
Response: 2809433
Conc: 21.59 ug/ml



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

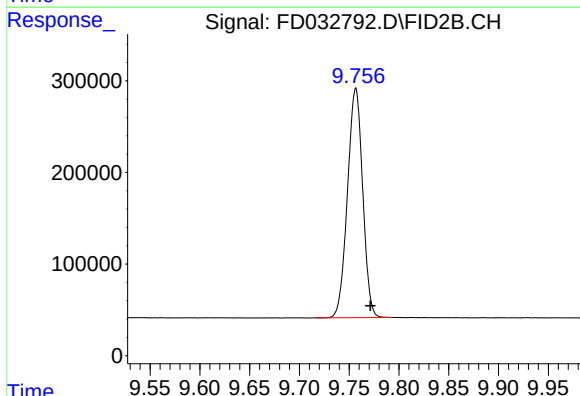
R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 2945104
Conc: 20.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



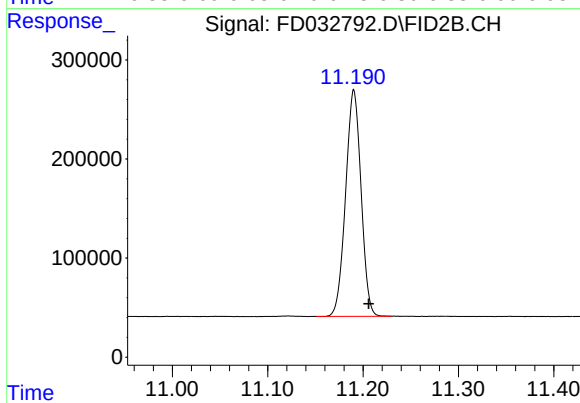
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.015 min
Response: 2745947
Conc: 20.86 ug/ml



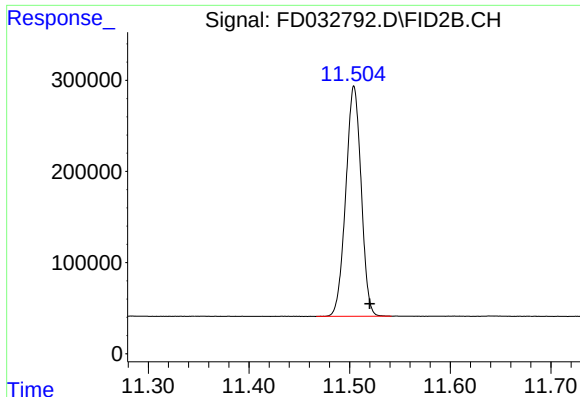
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: -0.015 min
Response: 2663524
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

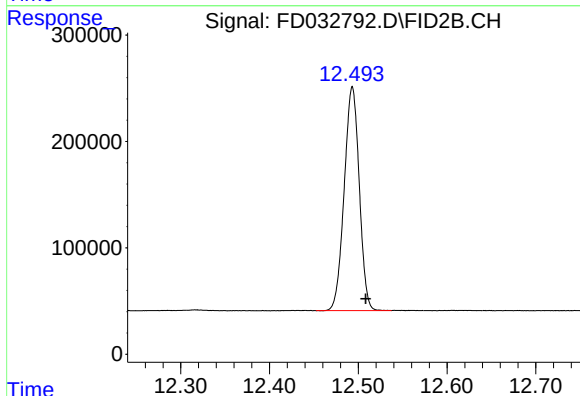
R.T.: 11.190 min
Delta R.T.: -0.016 min
Response: 2576939
Conc: 19.38 ug/ml



#9 ortho-Terphenyl (SURR)

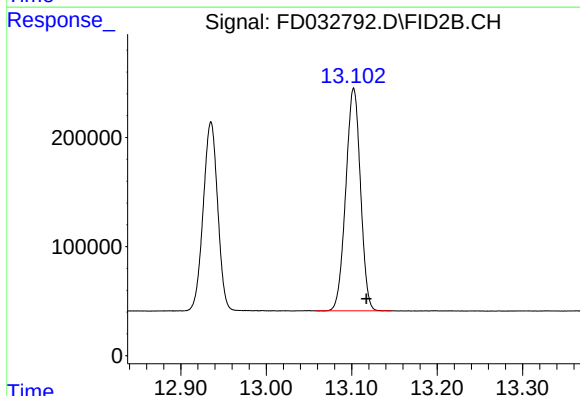
R.T.: 11.504 min
Delta R.T.: -0.016 min
Response: 2678122
Conc: 18.67 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



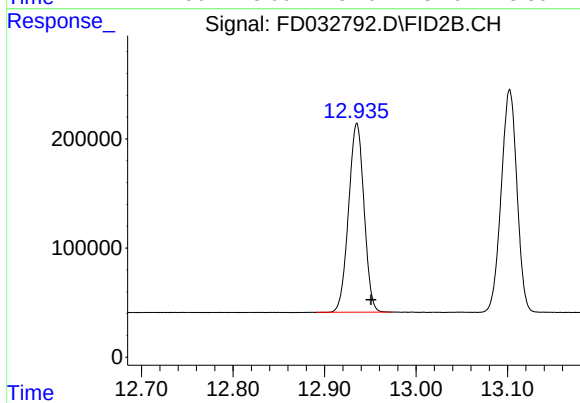
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: -0.015 min
Response: 2478461
Conc: 18.76 ug/ml



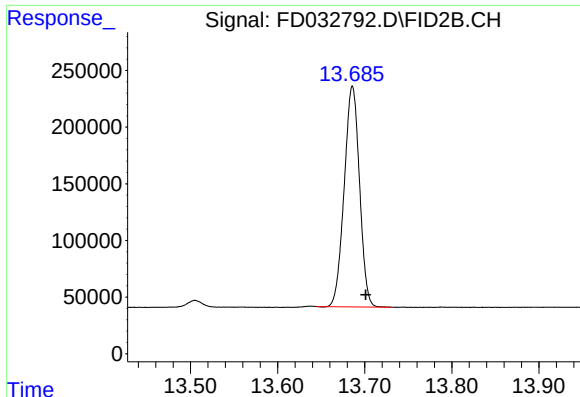
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: -0.015 min
Response: 2442354
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

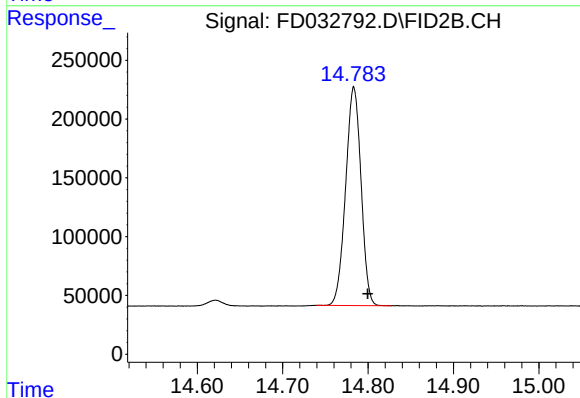
R.T.: 12.935 min
Delta R.T.: -0.015 min
Response: 2029345
Conc: 18.17 ug/ml



#13 n-Docosane (C22)

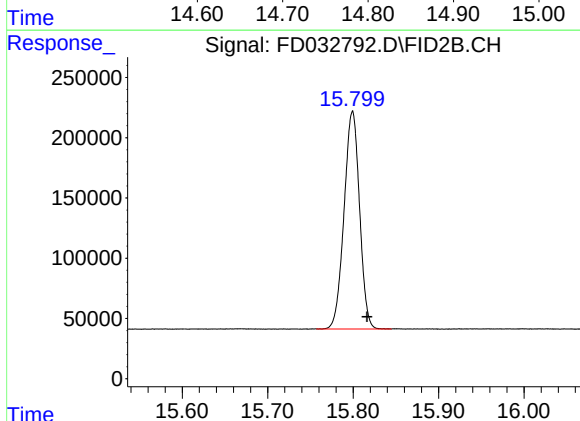
R.T.: 13.686 min
Delta R.T.: -0.015 min
Response: 2380631
Conc: 18.15 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



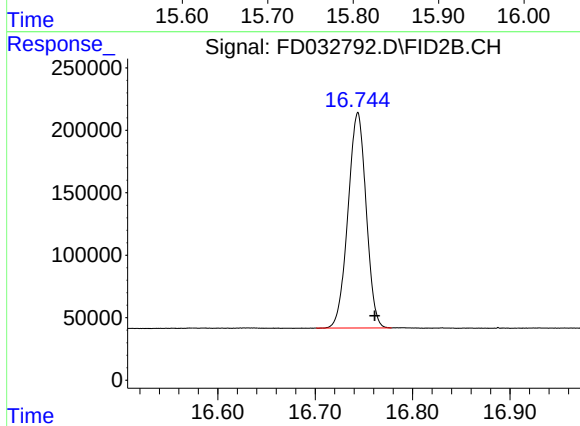
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.016 min
Response: 2327808
Conc: 17.88 ug/ml



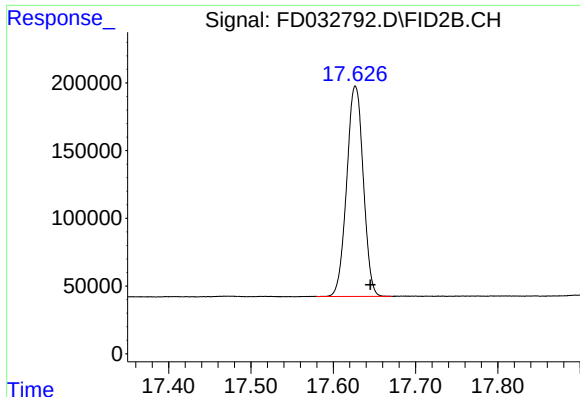
#15 n-Hexacosane (C26)

R.T.: 15.799 min
Delta R.T.: -0.017 min
Response: 2274959
Conc: 17.86 ug/ml



#16 n-Octacosane (C28)

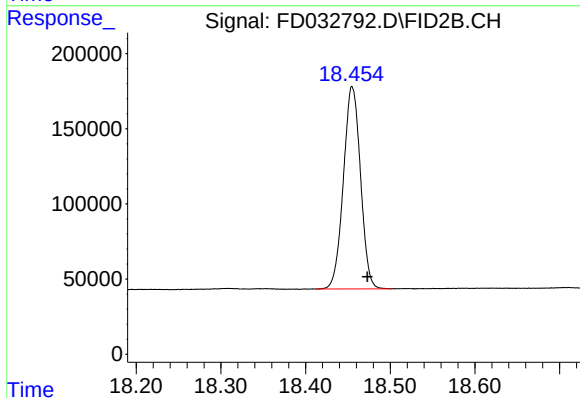
R.T.: 16.744 min
Delta R.T.: -0.017 min
Response: 2233848
Conc: 18.06 ug/ml



#17 n-Tricontane (C30)

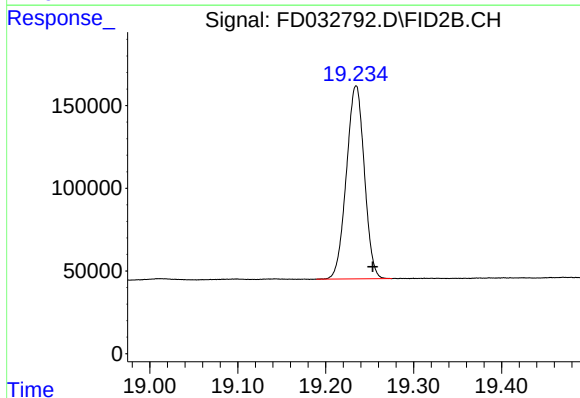
R.T.: 17.627 min
Delta R.T.: -0.018 min
Response: 2174686
Conc: 18.47 ug/ml

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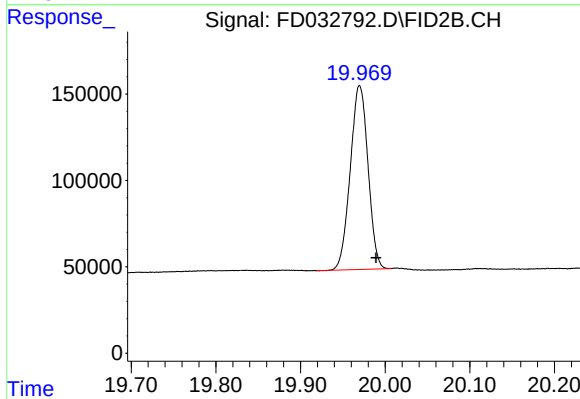
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: -0.018 min
Response: 1889158
Conc: 18.92 ug/ml



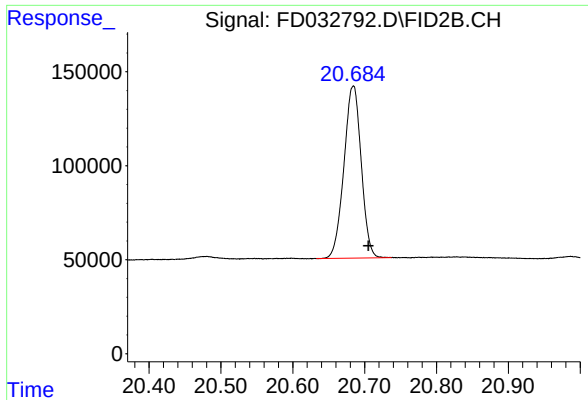
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: -0.019 min
Response: 1654639
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

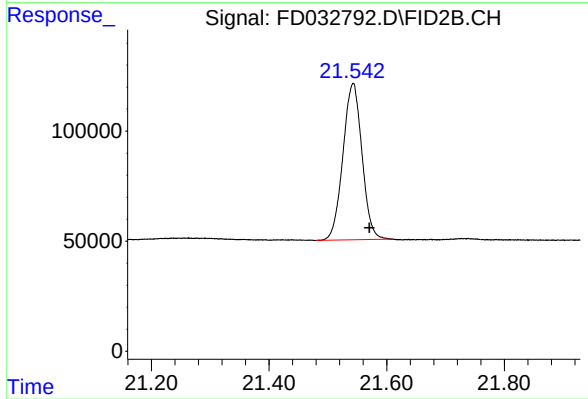
R.T.: 19.970 min
Delta R.T.: -0.019 min
Response: 1550099
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.684 min
Delta R.T.: -0.021 min
Response: 1530163
Conc: 20.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.543 min
Delta R.T.: -0.027 min
Response: 1594036
Conc: 19.67 ug/ml