

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030222AL\
 Data File : FD041366.D
 Signal(s) : FID2B.CH
 Acq On : 02 Mar 2022 23:51
 Operator : UA/NP
 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: Mar 03 01:16:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.246	3328784	19.190 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
12) S 1-chlorooctadecane (S...	12.686	2655974	19.618 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.110	2865152	19.676 ug/ml
2) T n-Decane (C10)	4.155	2892510	20.032 ug/ml
3) T A~Naphthalene (C11.7)	5.705	3128720	19.586 ug/ml
4) T n-Dodecane (C12)	6.151	2923725	19.741 ug/ml
5) T A~2-methylnaphthalene...	6.751	3154276	19.711 ug/ml
6) T n-Tetradecane (C14)	7.928	2958466	19.762 ug/ml
7) T n-Hexadecane (C16)	9.516	2987435	19.624 ug/ml
8) T n-Octadecane (C18)	10.947	3001476	19.311 ug/ml
10) T n-Eicosane (C20)	12.249	3014490	19.418 ug/ml
11) T n-Heneicosane (C21)	12.856	3001102	19.166 ug/ml
13) T n-Docosane (C22)	13.440	3009992	19.219 ug/ml
14) T n-Tetracosane (C24)	14.536	3011653	19.201 ug/ml
15) T n-Hexacosane (C26)	15.551	2944671	19.166 ug/ml
16) T n-Octacosane (C28)	16.497	2937860	19.740 ug/ml
17) T n-Tricontane (C30)	17.379	2966803	21.085 ug/ml
18) T n-Dotriacontane (C32)	18.207	2890237	22.717 ug/ml
19) T n-Tetratriacontane (C34)	18.987	2565539	22.525 ug/ml
20) T n-Hexatriacontane (C36)	19.723	2365840	23.083 ug/ml
21) T n-Octatriacontane (C38)	20.421	2213399	23.313 ug/ml
22) T n-Tetracontane (C40)	21.207	2157990	22.770 ug/ml

(f)=RT Delta > 1/2 Window

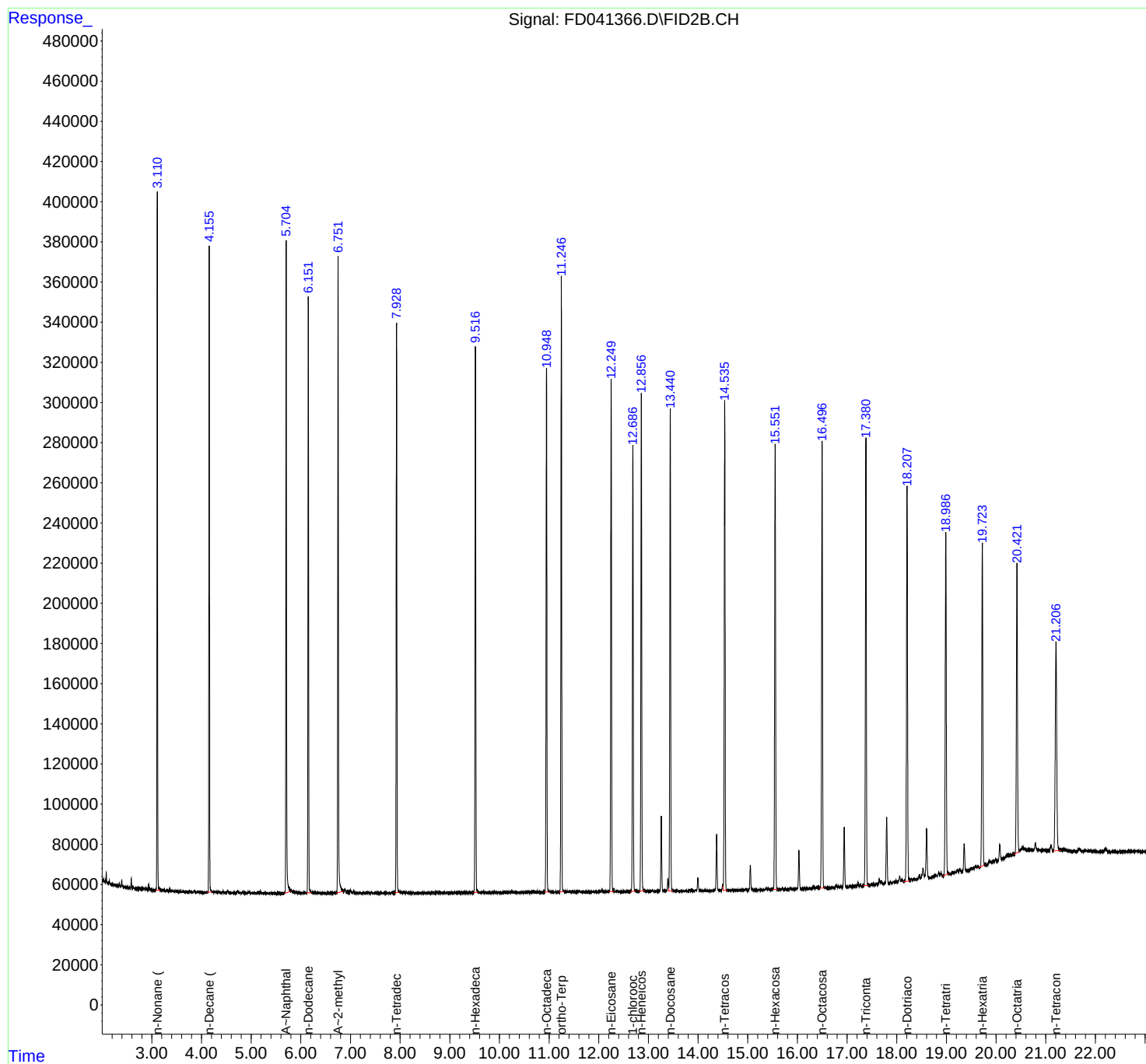
(m)=manual int.

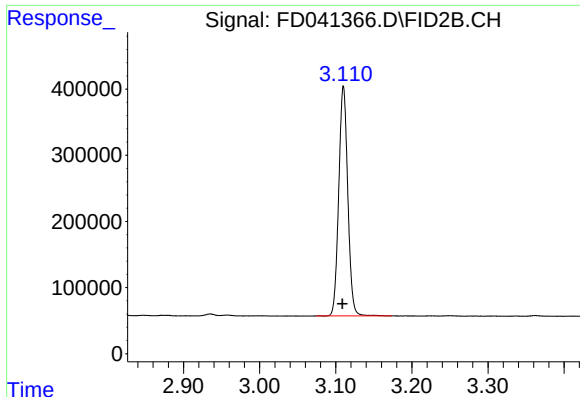
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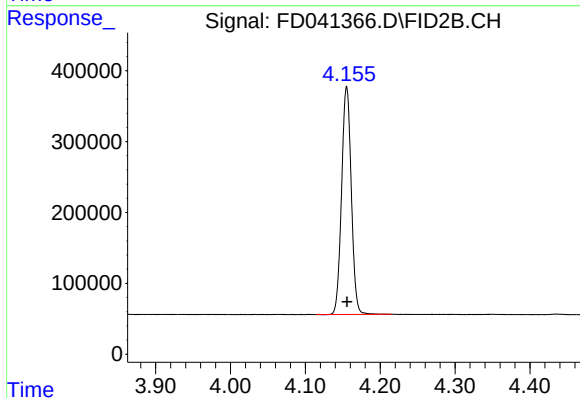




#1 n-Nonane (C9)

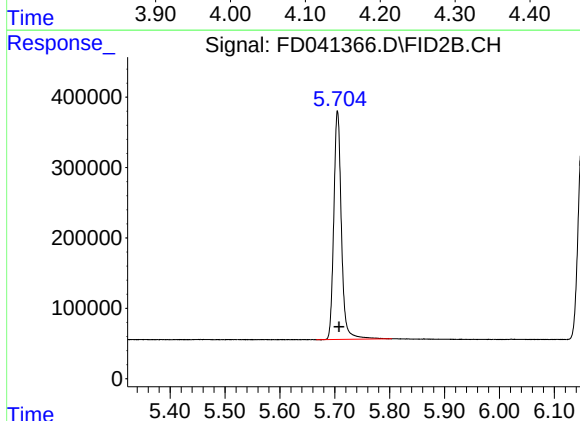
R.T.: 3.110 min
Delta R.T.: 0.001 min
Response: 2865152
Conc: 19.68 ug/ml

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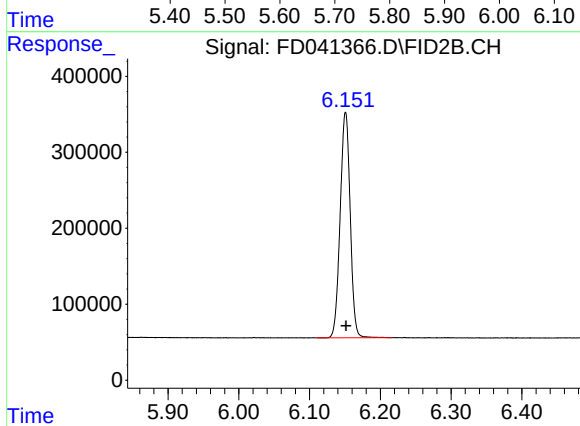
#2 n-Decane (C10)

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 2892510
Conc: 20.03 ug/ml



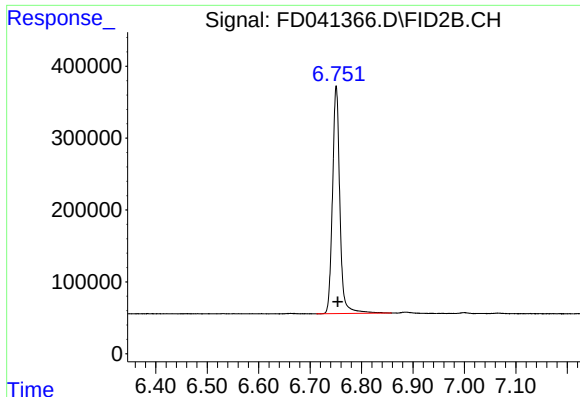
#3 A~Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 3128720
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

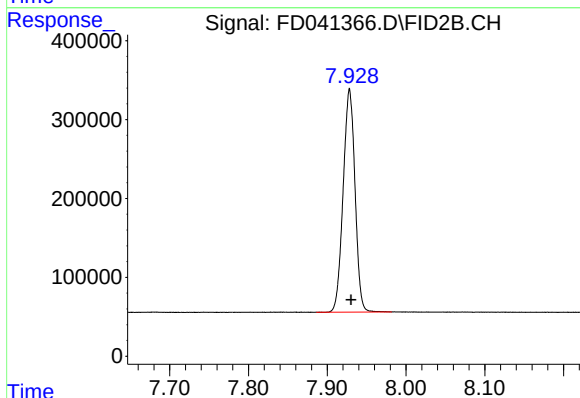
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 2923725
Conc: 19.74 ug/ml



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

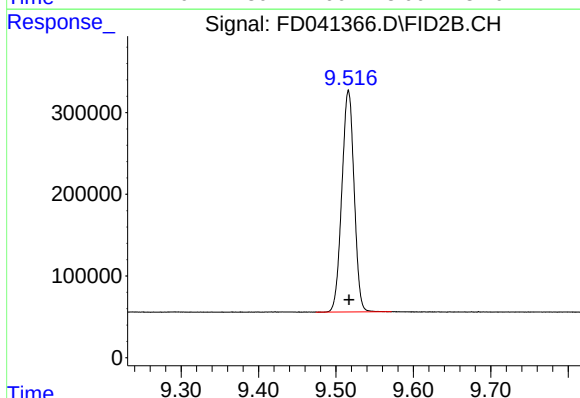
R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 3154276
Conc: 19.71 ug/ml

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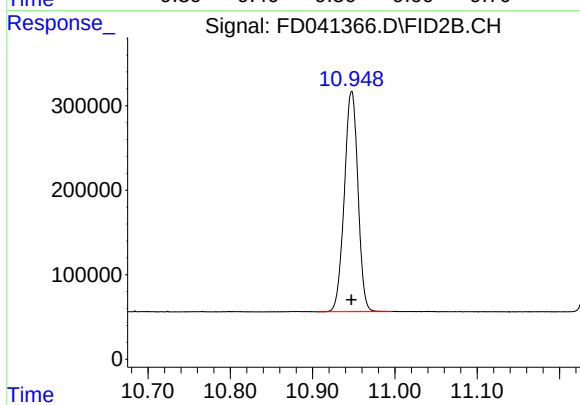
#6 n-Tetradecane (C14)

R.T.: 7.928 min
Delta R.T.: -0.002 min
Response: 2958466
Conc: 19.76 ug/ml



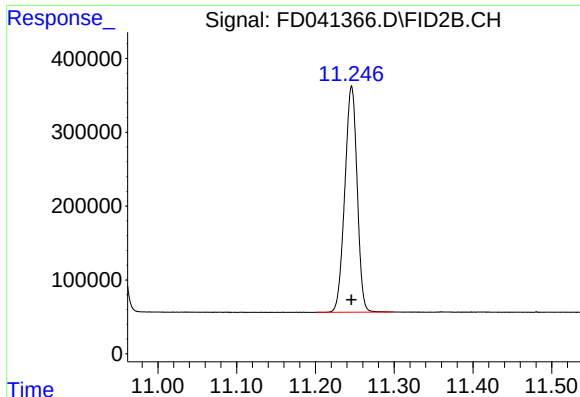
#7 n-Hexadecane (C16)

R.T.: 9.516 min
Delta R.T.: -0.001 min
Response: 2987435
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

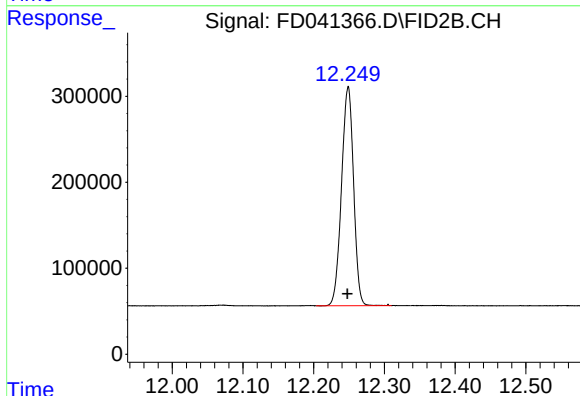
R.T.: 10.947 min
Delta R.T.: 0.000 min
Response: 3001476
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

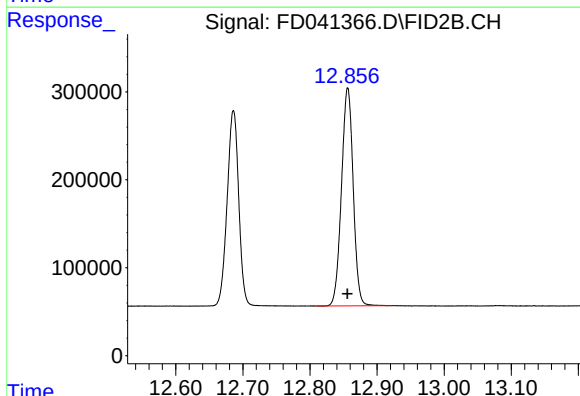
R.T.: 11.246 min
Delta R.T.: 0.000 min
Response: 3328784
Conc: 19.19 ug/ml

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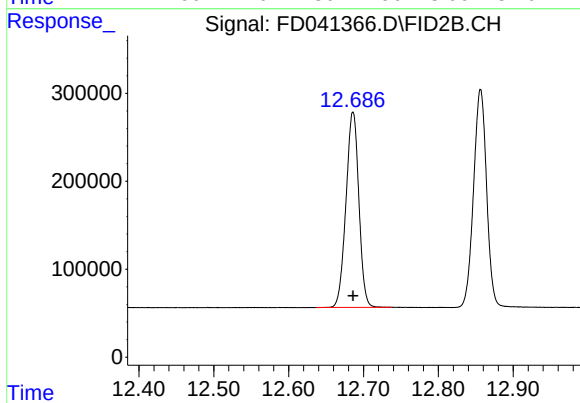
#10 n-Eicosane (C20)

R.T.: 12.249 min
Delta R.T.: 0.001 min
Response: 3014490
Conc: 19.42 ug/ml



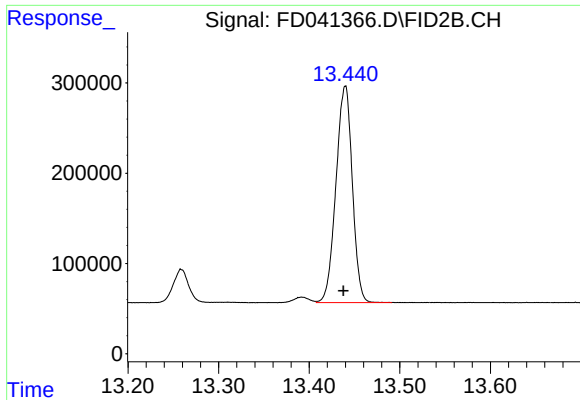
#11 n-Heneicosane (C21)

R.T.: 12.856 min
Delta R.T.: 0.000 min
Response: 3001102
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

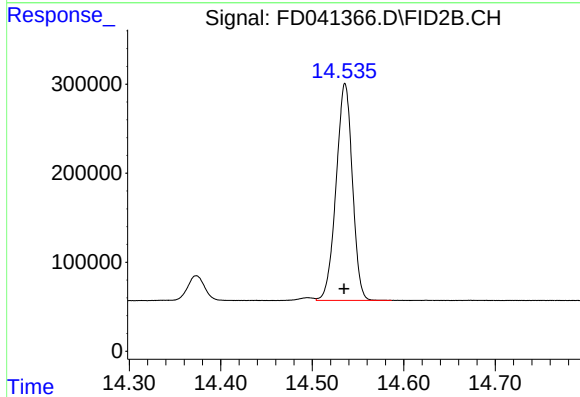
R.T.: 12.686 min
Delta R.T.: 0.000 min
Response: 2655974
Conc: 19.62 ug/ml



#13 n-Docosane (C22)

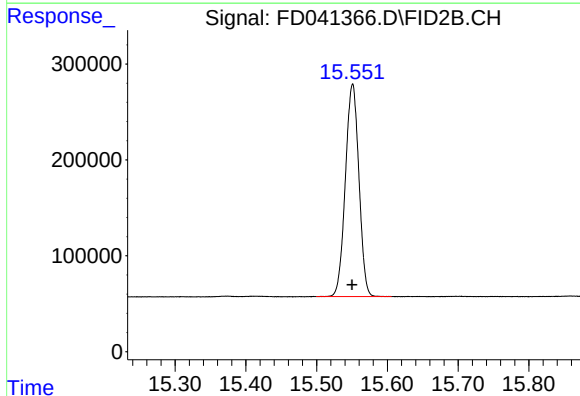
R.T.: 13.440 min
Delta R.T.: 0.002 min
Response: 3009992
Conc: 19.22 ug/ml

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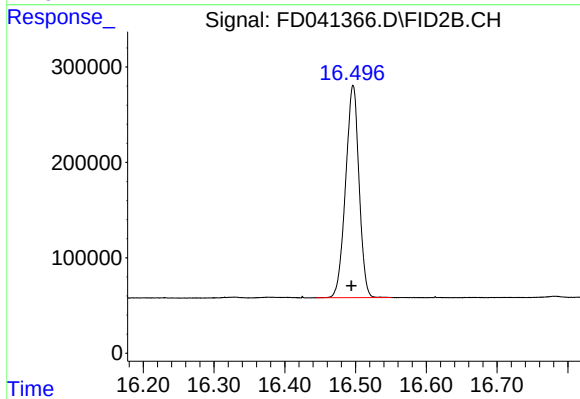
#14 n-Tetracosane (C24)

R.T.: 14.536 min
Delta R.T.: 0.001 min
Response: 3011653
Conc: 19.20 ug/ml



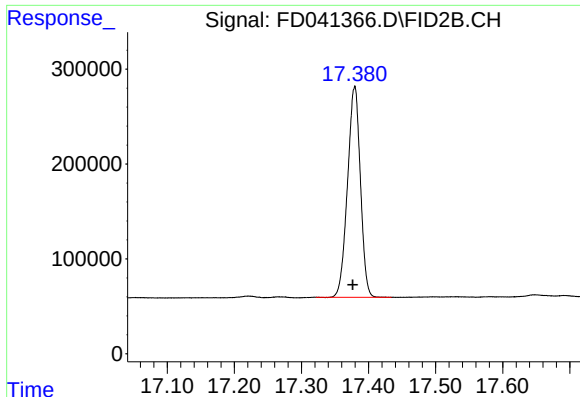
#15 n-Hexacosane (C26)

R.T.: 15.551 min
Delta R.T.: 0.000 min
Response: 2944671
Conc: 19.17 ug/ml



#16 n-Octacosane (C28)

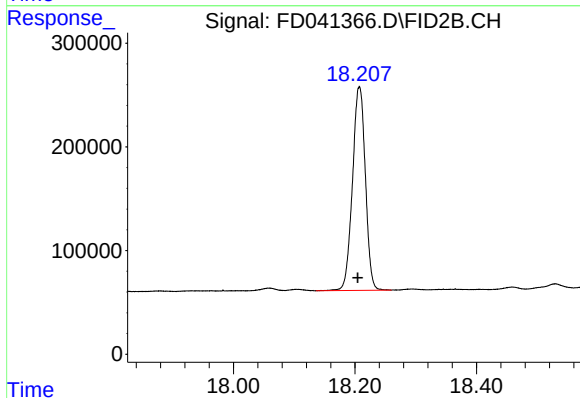
R.T.: 16.497 min
Delta R.T.: 0.003 min
Response: 2937860
Conc: 19.74 ug/ml



#17 n-Tricontane (C30)

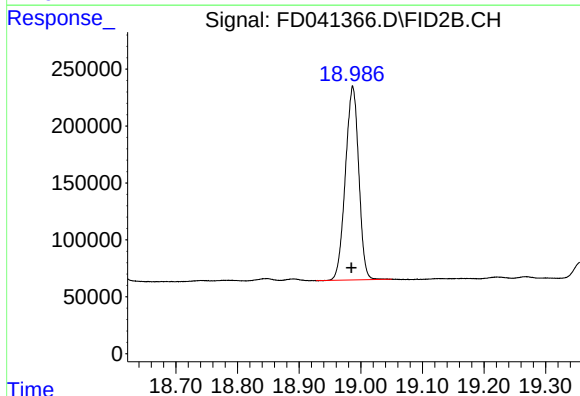
R.T.: 17.379 min
Delta R.T.: 0.003 min
Response: 2966803
Conc: 21.09 ug/ml

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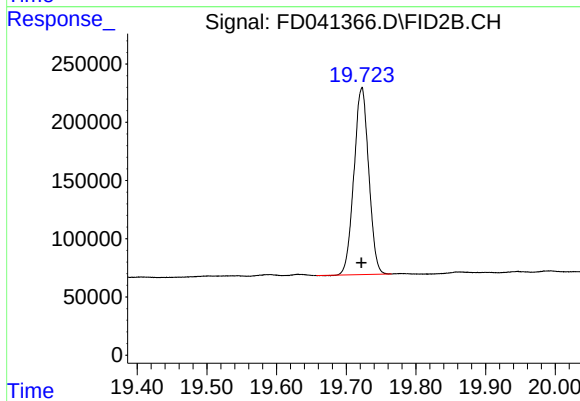
#18 n-Dotriacontane (C32)

R.T.: 18.207 min
Delta R.T.: 0.002 min
Response: 2890237
Conc: 22.72 ug/ml



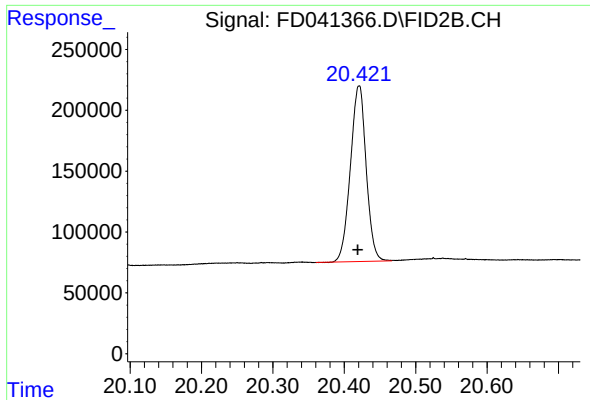
#19 n-Tetratriacontane (C34)

R.T.: 18.987 min
Delta R.T.: 0.002 min
Response: 2565539
Conc: 22.52 ug/ml



#20 n-Hexatriacontane (C36)

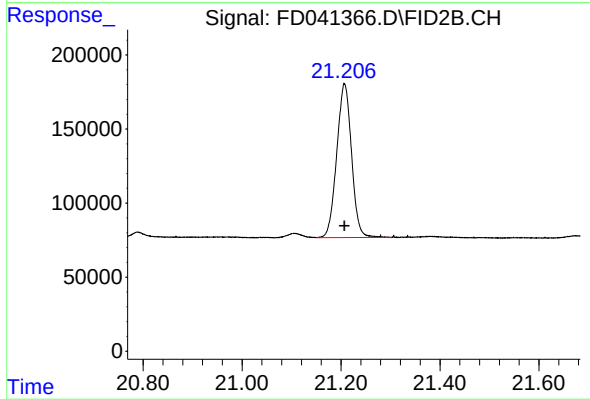
R.T.: 19.723 min
Delta R.T.: 0.001 min
Response: 2365840
Conc: 23.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.421 min
Delta R.T.: 0.002 min
Response: 2213399
Conc: 23.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.207 min
Delta R.T.: 0.000 min
Response: 2157990
Conc: 22.77 ug/ml