

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070120AL\
 Data File : FD033844.D
 Signal(s) : FID2B.CH
 Acq On : 01 Jul 2020 14:55
 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: Jul 02 02:42:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:06:59 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)	11.449	2628298	18.391 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
12) S 1-chlorooctadecane (S...	12.880	2122939	18.055 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
Target Compounds			
1) T n-Nonane (C9)	3.275	2328904	18.893 ug/ml
2) T n-Decane (C10)	4.331	2355383	18.926 ug/ml
3) T A~Naphthalene (C11.7)	5.903	2431158	18.759 ug/ml
4) T n-Dodecane (C12)	6.332	2426601	19.018 ug/ml
5) T A~2-methylnaphthalene...	6.952	2470121	18.566 ug/ml
6) T n-Tetradecane (C14)	8.115	2456597	19.056 ug/ml
7) T n-Hexadecane (C16)	9.704	2405265	18.953 ug/ml
8) T n-Octadecane (C18)	11.137	2498128	18.698 ug/ml
10) T n-Eicosane (C20)	12.438	2497353	18.344 ug/ml
11) T n-Heneicosane (C21)	13.046	2480730	18.172 ug/ml
13) T n-Docosane (C22)	13.629	2454223	17.968 ug/ml
14) T n-Tetracosane (C24)	14.725	2395883	17.527 ug/ml
15) T n-Hexacosane (C26)	15.740	2309207	17.029 ug/ml
16) T n-Octacosane (C28)	16.684	2233756	16.492 ug/ml
17) T n-Tricontane (C30)	17.565	2106998	15.932 ug/ml
18) T n-Dotriacontane (C32)	18.394	1890156	15.583 ug/ml
19) T n-Tetratriacontane (C34)	19.171	1758286	15.440 ug/ml
20) T n-Hexatriacontane (C36)	19.907	1652641	15.511 ug/ml
21) T n-Octatriacontane (C38)	20.614	1587765	15.986 ug/ml
22) T n-Tetracontane (C40)	21.450	1635751	16.708 ug/ml

(f)=RT Delta > 1/2 Window

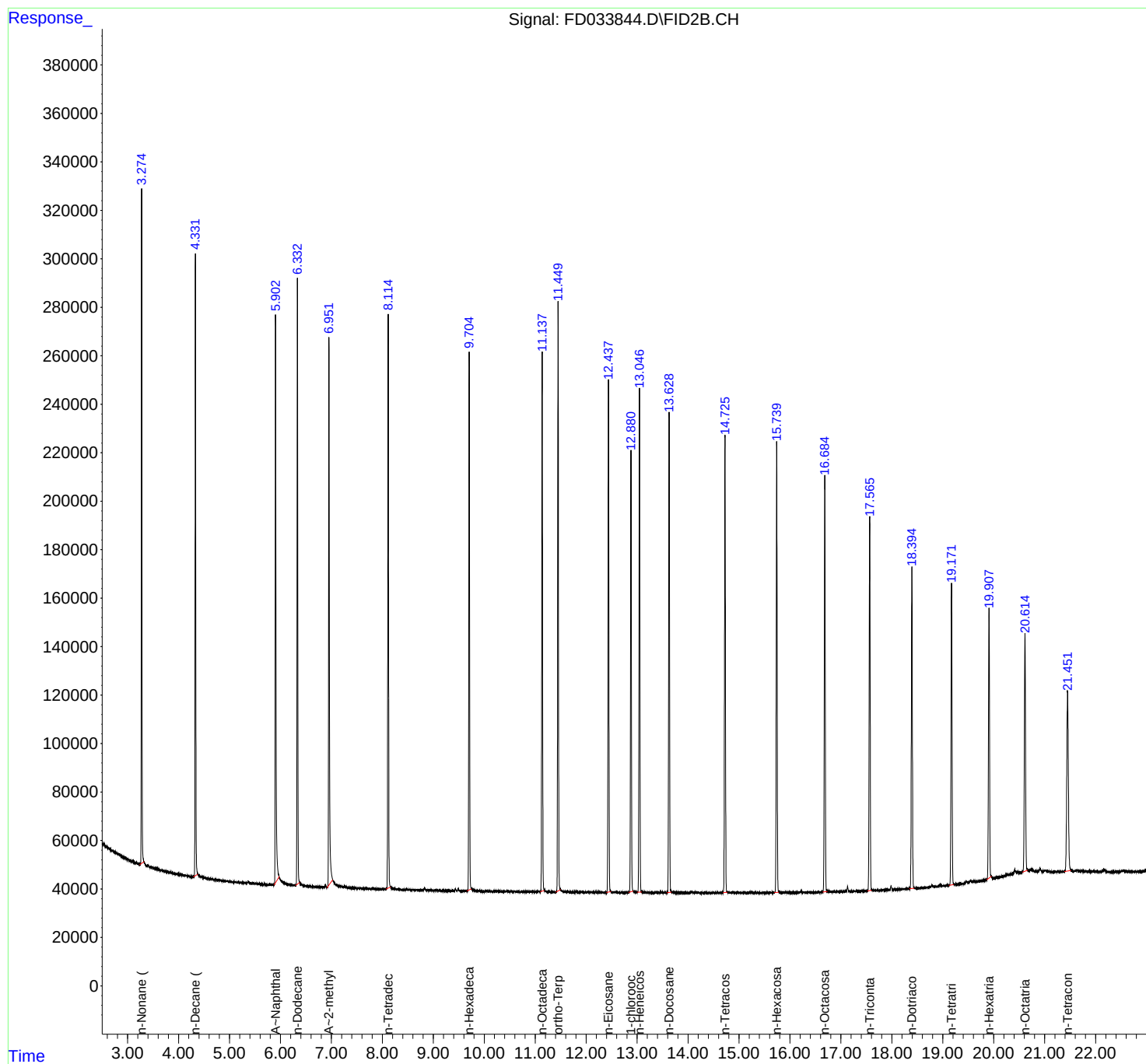
(m)=manual int.

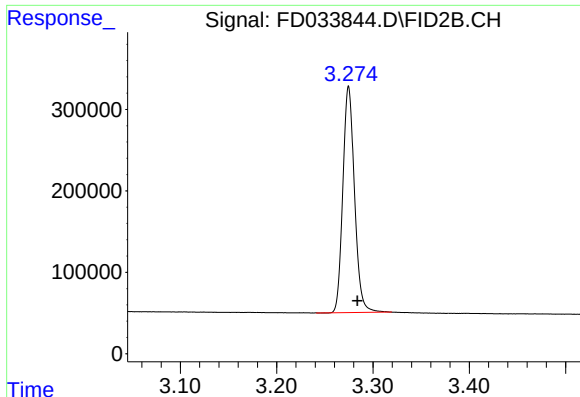
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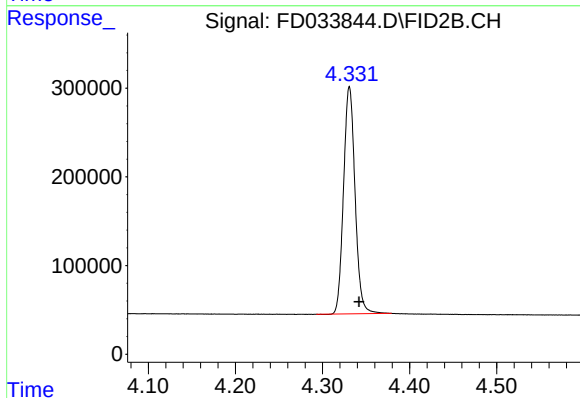




#1 n-Nonane (C9)

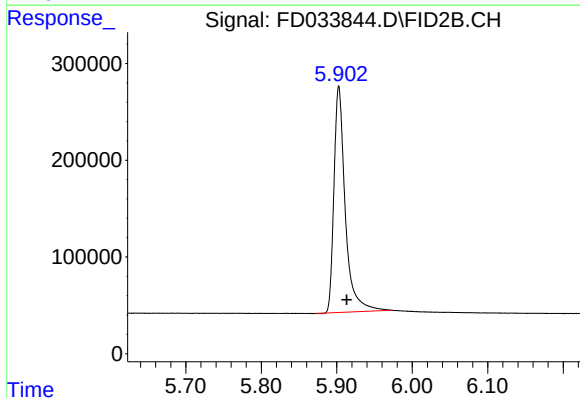
R.T.: 3.275 min
Delta R.T.: -0.009 min
Response: 2328904
Conc: 18.89 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



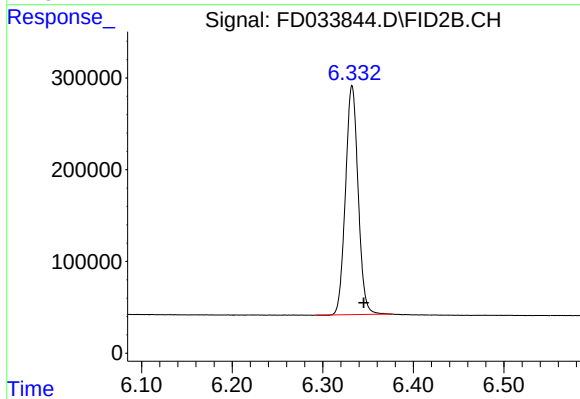
#2 n-Decane (C10)

R.T.: 4.331 min
Delta R.T.: -0.011 min
Response: 2355383
Conc: 18.93 ug/ml



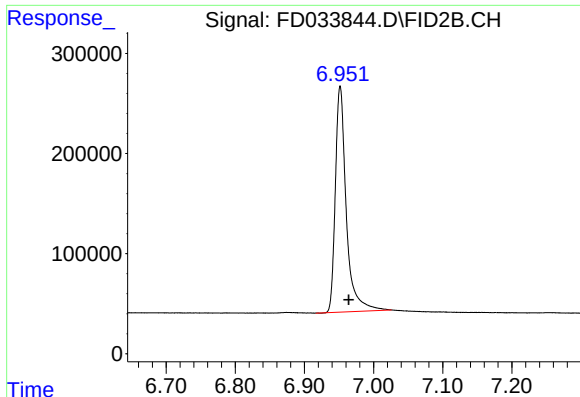
#3 A~Naphthalene (C11.7)

R.T.: 5.903 min
Delta R.T.: -0.011 min
Response: 2431158
Conc: 18.76 ug/ml



#4 n-Dodecane (C12)

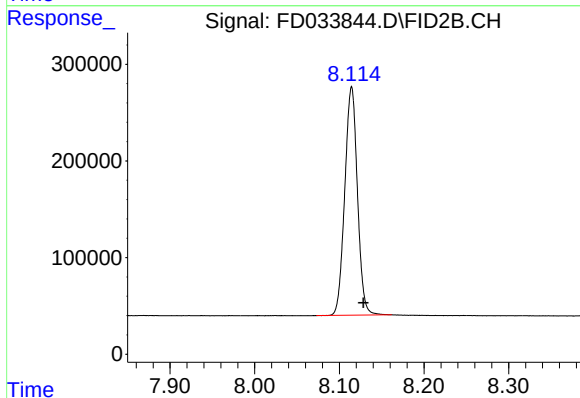
R.T.: 6.332 min
Delta R.T.: -0.013 min
Response: 2426601
Conc: 19.02 ug/ml



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

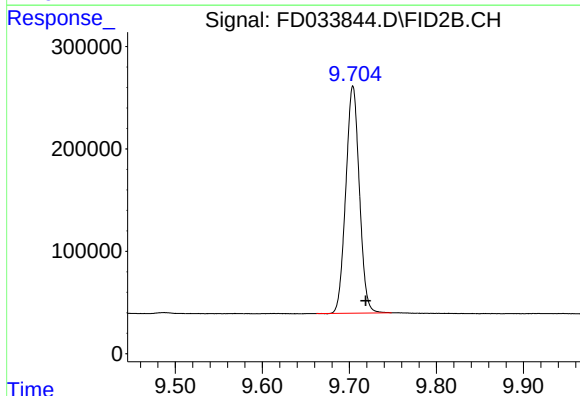
R.T.: 6.952 min
Delta R.T.: -0.012 min
Response: 2470121
Conc: 18.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



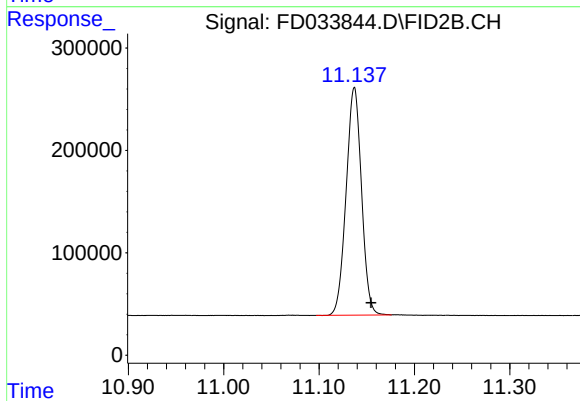
#6 n-Tetradecane (C14)

R.T.: 8.115 min
Delta R.T.: -0.014 min
Response: 2456597
Conc: 19.06 ug/ml



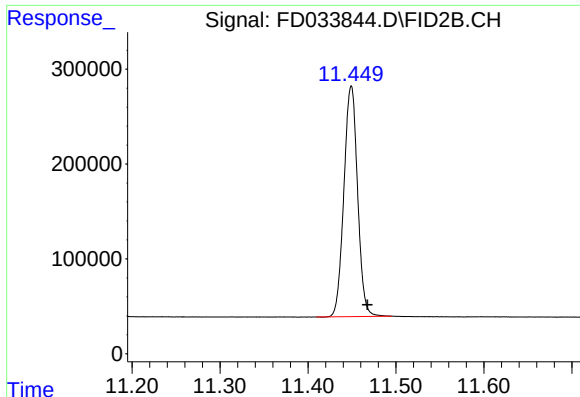
#7 n-Hexadecane (C16)

R.T.: 9.704 min
Delta R.T.: -0.015 min
Response: 2405265
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

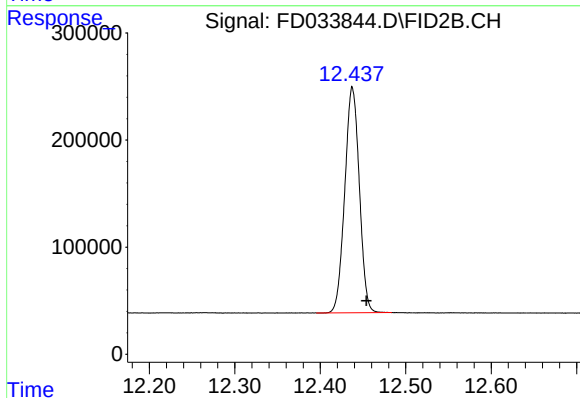
R.T.: 11.137 min
Delta R.T.: -0.018 min
Response: 2498128
Conc: 18.70 ug/ml



#9 ortho-Terphenyl (SURR)

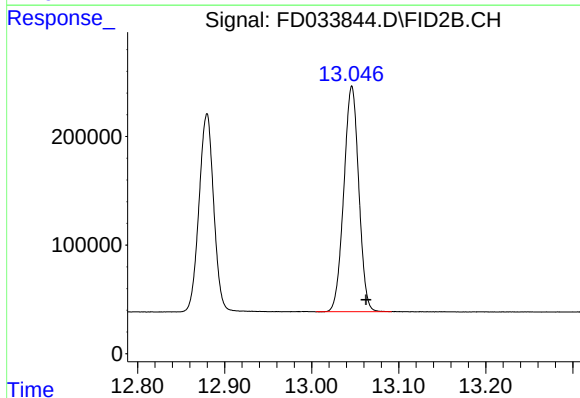
R.T.: 11.449 min
Delta R.T.: -0.018 min
Response: 2628298
Conc: 18.39 ug/ml

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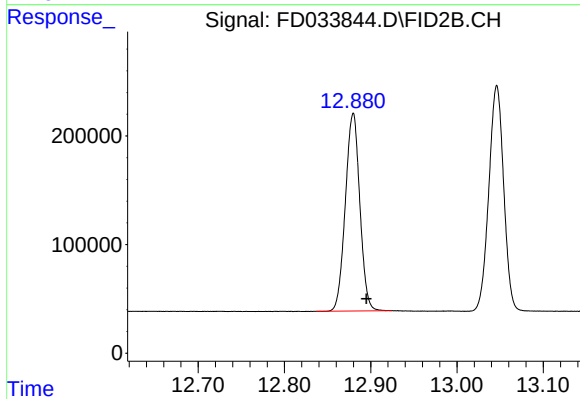
#10 n-Eicosane (C20)

R.T.: 12.438 min
Delta R.T.: -0.017 min
Response: 2497353
Conc: 18.34 ug/ml



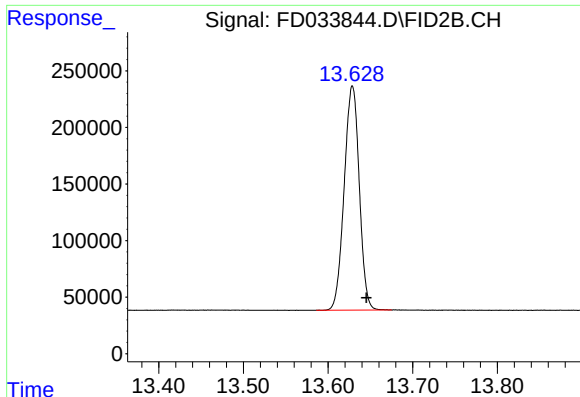
#11 n-Heneicosane (C21)

R.T.: 13.046 min
Delta R.T.: -0.016 min
Response: 2480730
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

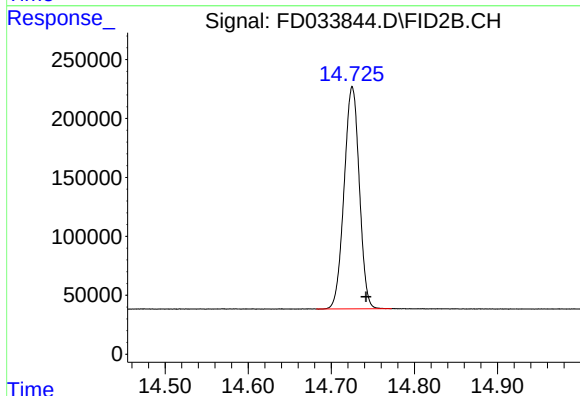
R.T.: 12.880 min
Delta R.T.: -0.015 min
Response: 2122939
Conc: 18.06 ug/ml



#13 n-Docosane (C22)

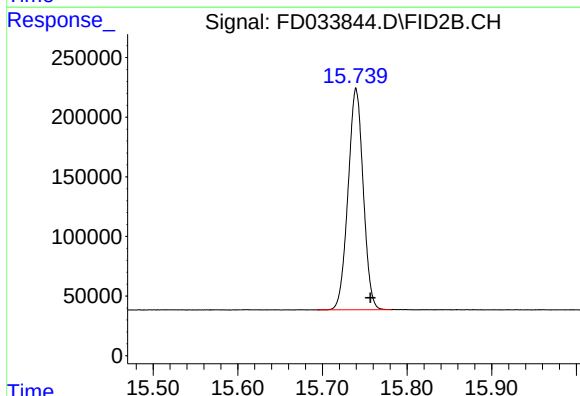
R.T.: 13.629 min
Delta R.T.: -0.017 min
Response: 2454223
Conc: 17.97 ug/ml

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20 PPM ALIPHATIC HC STD



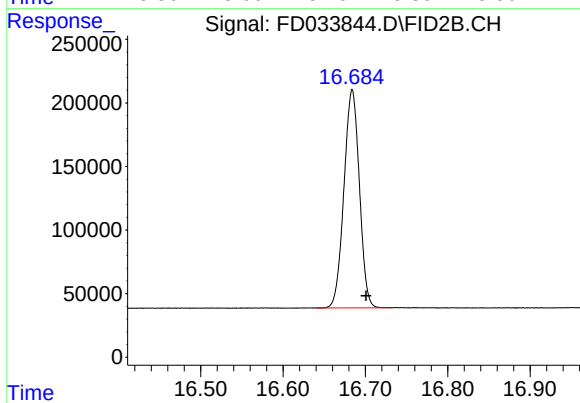
#14 n-Tetracosane (C24)

R.T.: 14.725 min
Delta R.T.: -0.016 min
Response: 2395883
Conc: 17.53 ug/ml



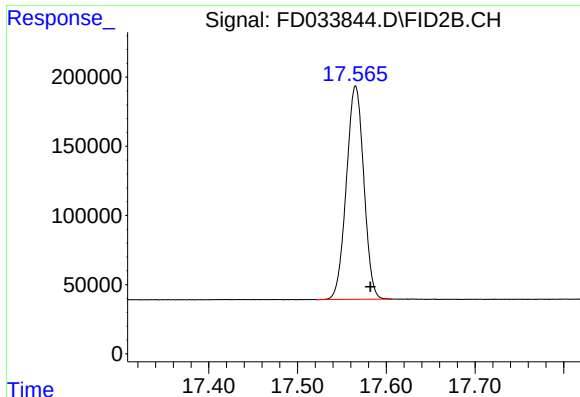
#15 n-Hexacosane (C26)

R.T.: 15.740 min
Delta R.T.: -0.017 min
Response: 2309207
Conc: 17.03 ug/ml



#16 n-Octacosane (C28)

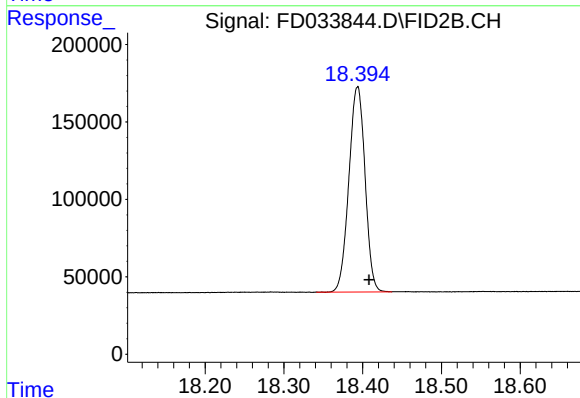
R.T.: 16.684 min
Delta R.T.: -0.017 min
Response: 2233756
Conc: 16.49 ug/ml



#17 n-Tricontane (C30)

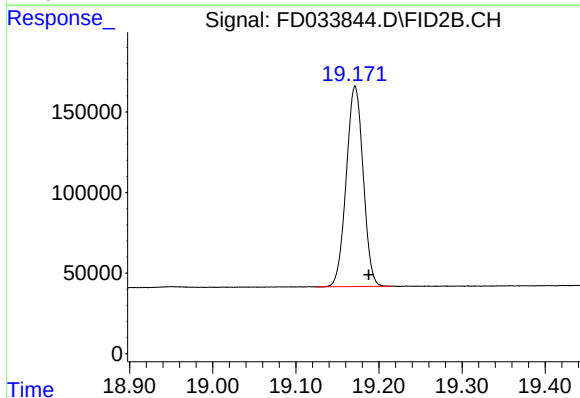
R.T.: 17.565 min
Delta R.T.: -0.017 min
Response: 2106998
Conc: 15.93 ug/ml

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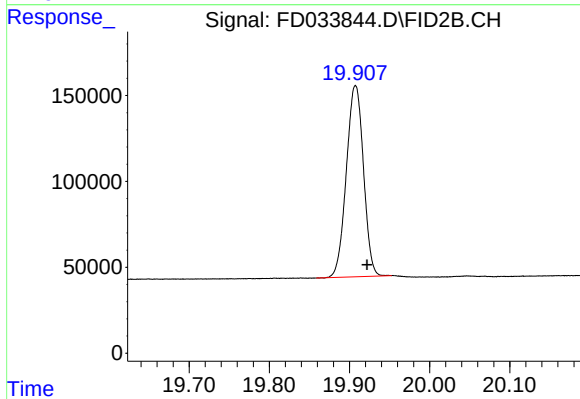
#18 n-Dotriacontane (C32)

R.T.: 18.394 min
Delta R.T.: -0.015 min
Response: 1890156
Conc: 15.58 ug/ml



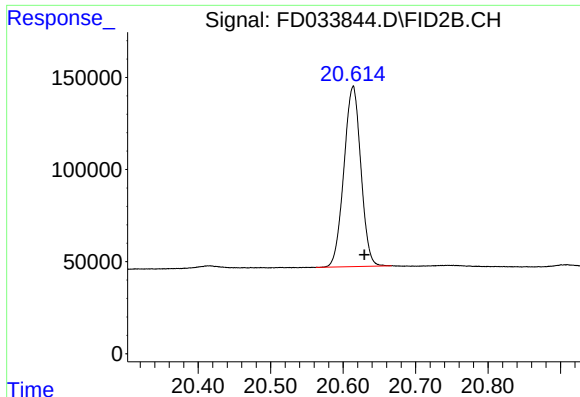
#19 n-Tetratriacontane (C34)

R.T.: 19.171 min
Delta R.T.: -0.016 min
Response: 1758286
Conc: 15.44 ug/ml



#20 n-Hexatriacontane (C36)

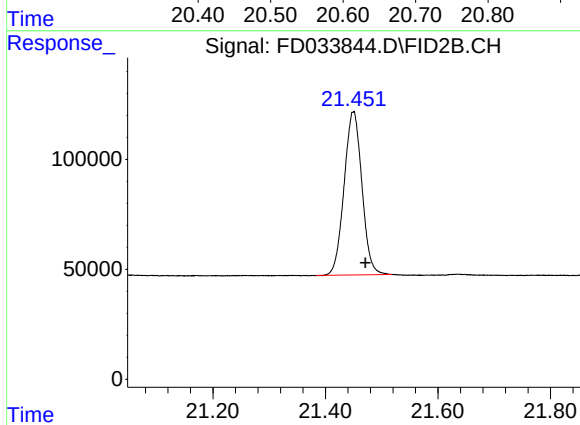
R.T.: 19.907 min
Delta R.T.: -0.014 min
Response: 1652641
Conc: 15.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.614 min
Delta R.T.: -0.015 min
Response: 1587765
Conc: 15.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.450 min
Delta R.T.: -0.021 min
Response: 1635751
Conc: 16.71 ug/ml