

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122419AL\
 Data File : FD031868.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2019 10:01
 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: Dec 25 02:34:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 120619.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 04:20:46 2019
 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)	11.538	2987972	20.657 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
12) S 1-chlorooctadecane (S...	12.967	2320870	20.466 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
Target Compounds			
1) T n-Nonane (C9)	3.340	2670589	21.153 ug/ml
2) T n-Decane (C10)	4.403	2730665	21.492 ug/ml
3) T A~Naphthalene (C11.7)	5.980	3057303	21.388 ug/ml
4) T n-Dodecane (C12)	6.411	2780000	21.548 ug/ml
5) T A~2-methylnaphthalene...	7.031	3077691	21.284 ug/ml
6) T n-Tetradecane (C14)	8.197	2806613	21.391 ug/ml
7) T n-Hexadecane (C16)	9.789	2817726	21.231 ug/ml
8) T n-Octadecane (C18)	11.223	2813981	21.021 ug/ml
10) T n-Eicosane (C20)	12.526	2770984	20.706 ug/ml
11) T n-Heneicosane (C21)	13.133	2766209	20.513 ug/ml
13) T n-Docosane (C22)	13.717	2742747	20.475 ug/ml
14) T n-Tetracosane (C24)	14.813	2726911	20.324 ug/ml
15) T n-Hexacosane (C26)	15.828	2656396	20.260 ug/ml
16) T n-Octacosane (C28)	16.771	2611146	20.583 ug/ml
17) T n-Tricontane (C30)	17.653	2510444	21.206 ug/ml
18) T n-Dotriacontane (C32)	18.480	2119929	21.895 ug/ml
19) T n-Tetratriacontane (C34)	19.258	1761535	22.192 ug/ml
20) T n-Hexatriacontane (C36)	19.993	1553792	22.076 ug/ml
21) T n-Octatriacontane (C38)	20.709	1440011	22.303 ug/ml
22) T n-Tetracontane (C40)	21.576	1465907	21.798 ug/ml

(f)=RT Delta > 1/2 Window

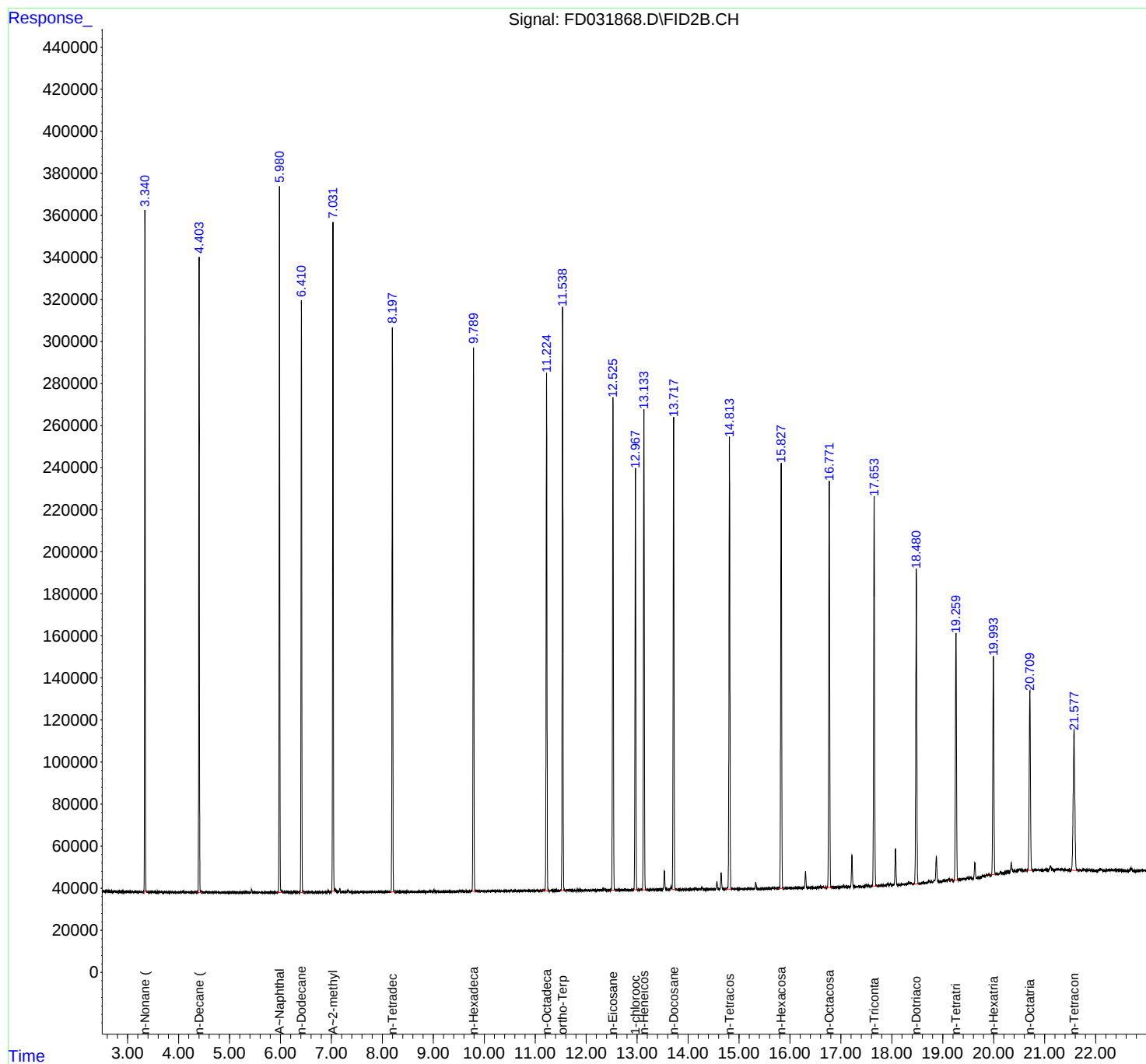
(m)=manual int.

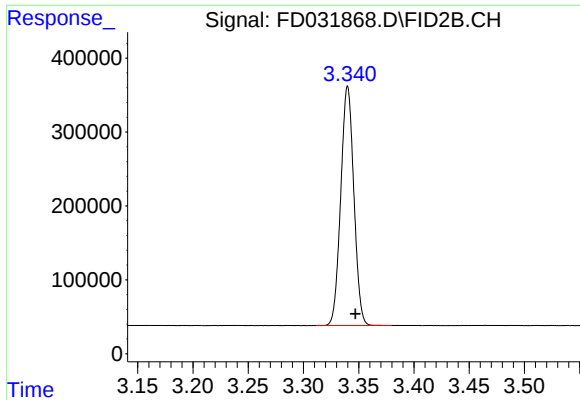
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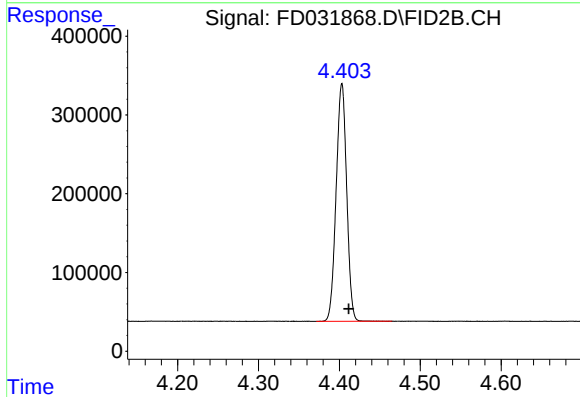




#1 n-Nonane (C9)

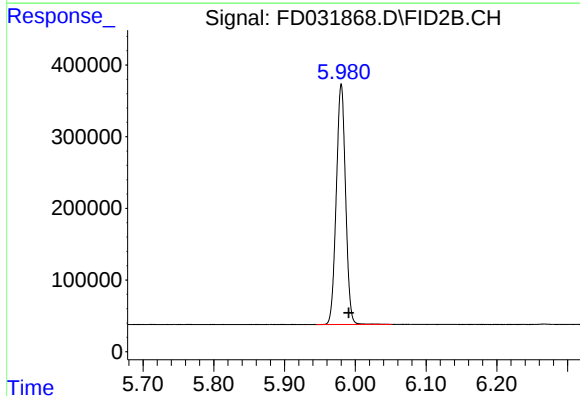
R.T.: 3.340 min
Delta R.T.: -0.007 min
Response: 2670589
Conc: 21.15 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



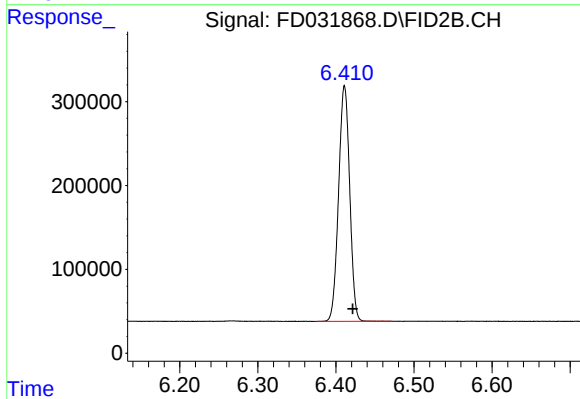
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: -0.009 min
Response: 2730665
Conc: 21.49 ug/ml



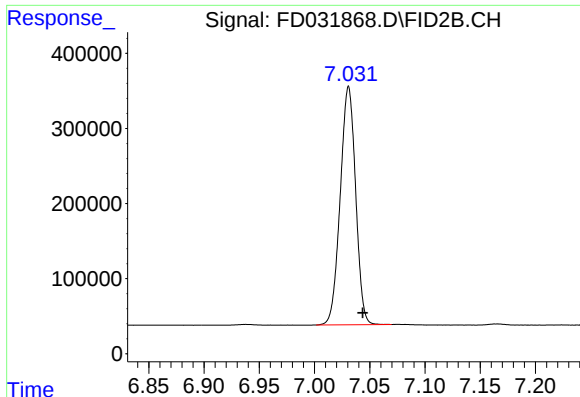
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.010 min
Response: 3057303
Conc: 21.39 ug/ml



#4 n-Dodecane (C12)

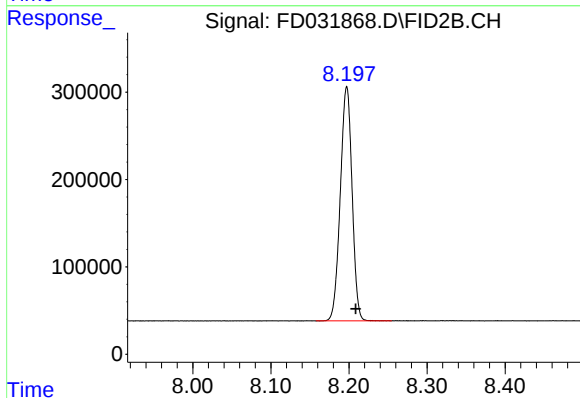
R.T.: 6.411 min
Delta R.T.: -0.010 min
Response: 2780000
Conc: 21.55 ug/ml



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

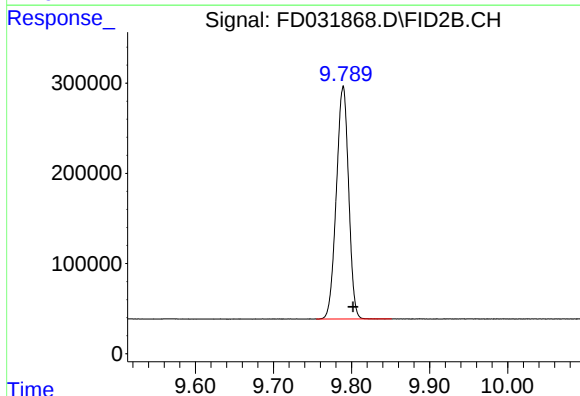
R.T.: 7.031 min
Delta R.T.: -0.013 min
Response: 3077691
Conc: 21.28 ug/ml

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20 PPM ALIPHATIC HC STD



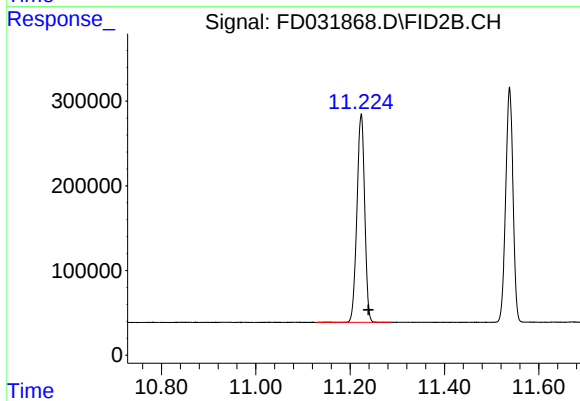
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 2806613
Conc: 21.39 ug/ml



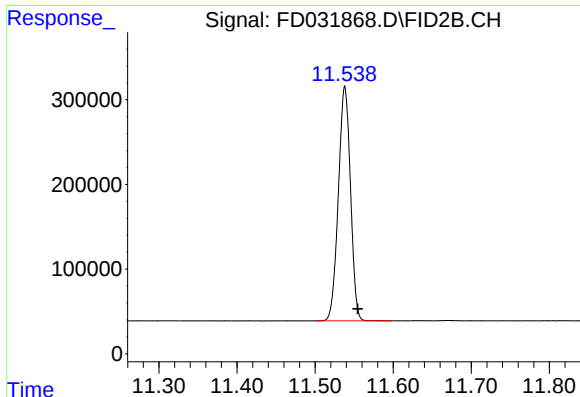
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.013 min
Response: 2817726
Conc: 21.23 ug/ml



#8 n-Octadecane (C18)

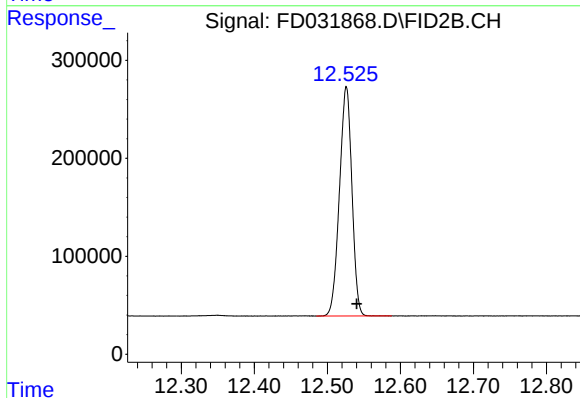
R.T.: 11.223 min
Delta R.T.: -0.015 min
Response: 2813981
Conc: 21.02 ug/ml



#9 ortho-Terphenyl (SURR)

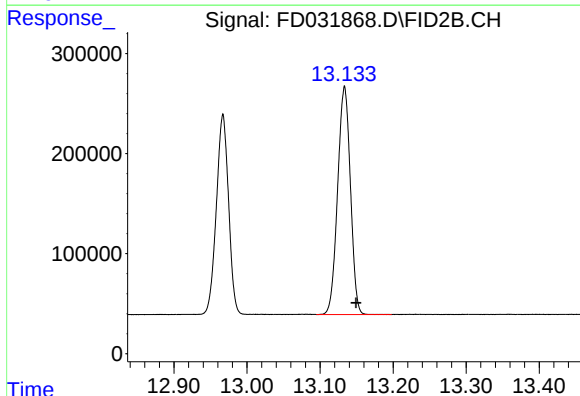
R.T.: 11.538 min
Delta R.T.: -0.017 min
Response: 2987972
Conc: 20.66 ug/ml

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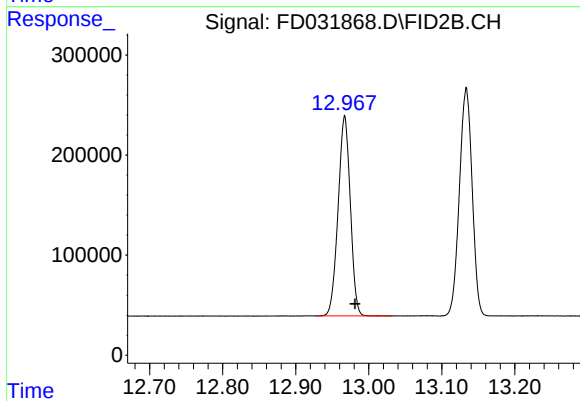
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.014 min
Response: 2770984
Conc: 20.71 ug/ml



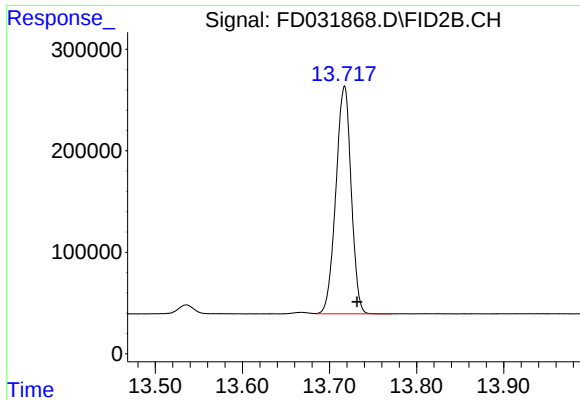
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.016 min
Response: 2766209
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

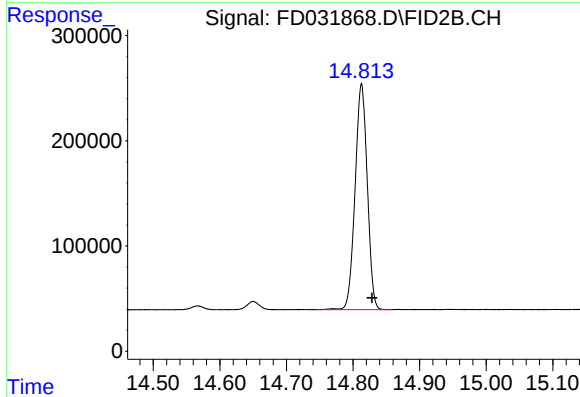
R.T.: 12.967 min
Delta R.T.: -0.014 min
Response: 2320870
Conc: 20.47 ug/ml



#13 n-Docosane (C22)

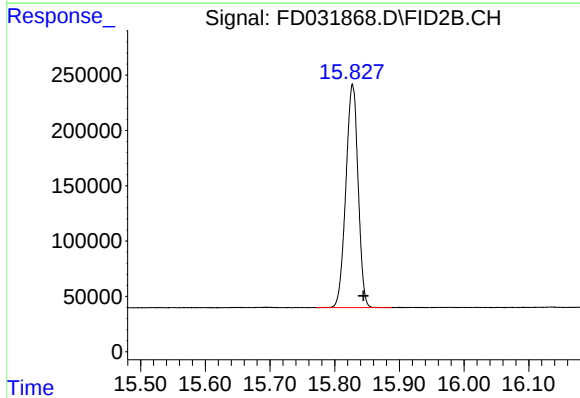
R.T.: 13.717 min
Delta R.T.: -0.015 min
Response: 2742747
Conc: 20.48 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



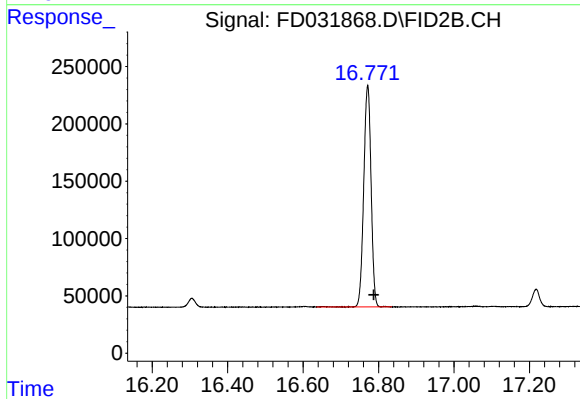
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.016 min
Response: 2726911
Conc: 20.32 ug/ml



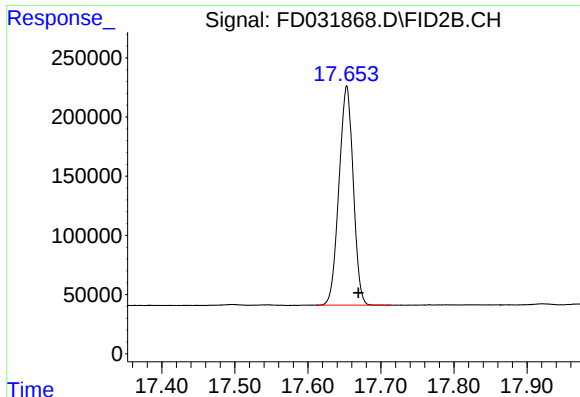
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.017 min
Response: 2656396
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

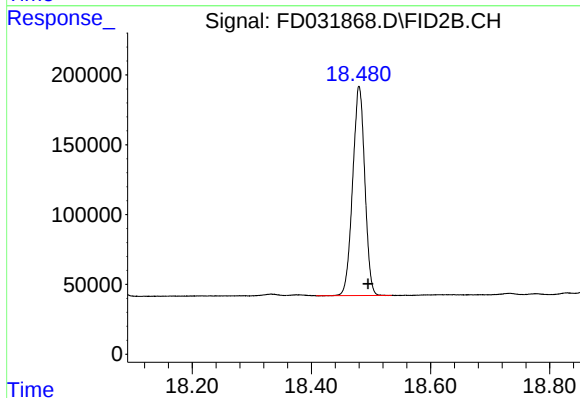
R.T.: 16.771 min
Delta R.T.: -0.016 min
Response: 2611146
Conc: 20.58 ug/ml



#17 n-Tricontane (C30)

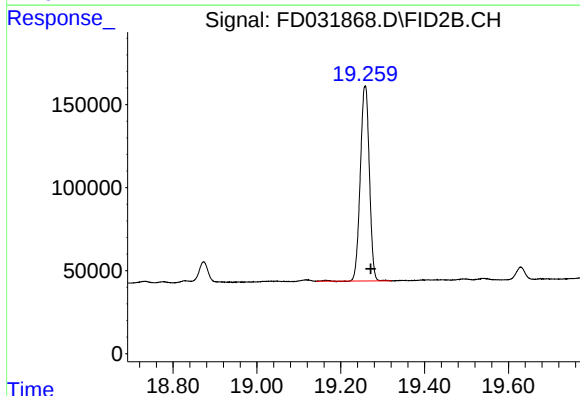
R.T.: 17.653 min
Delta R.T.: -0.016 min
Response: 2510444
Conc: 21.21 ug/ml

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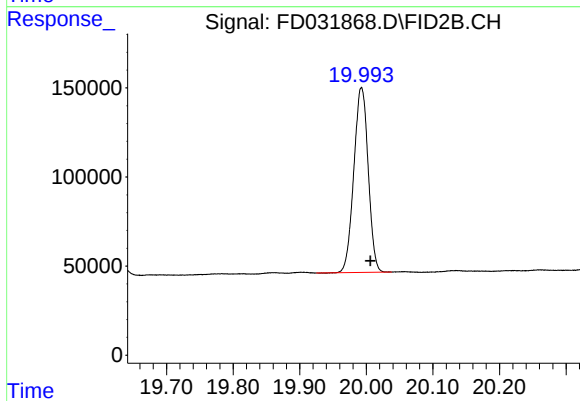
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.015 min
Response: 2119929
Conc: 21.90 ug/ml



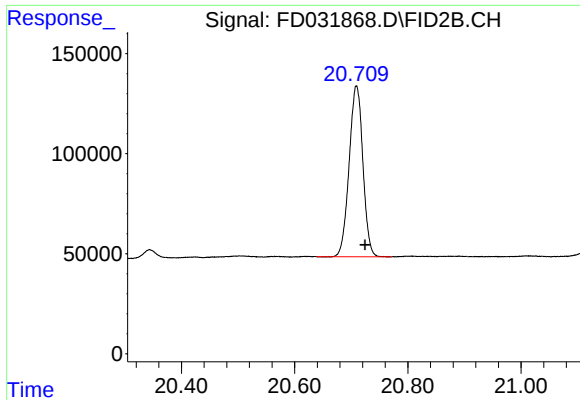
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: -0.013 min
Response: 1761535
Conc: 22.19 ug/ml



#20 n-Hexatriacontane (C36)

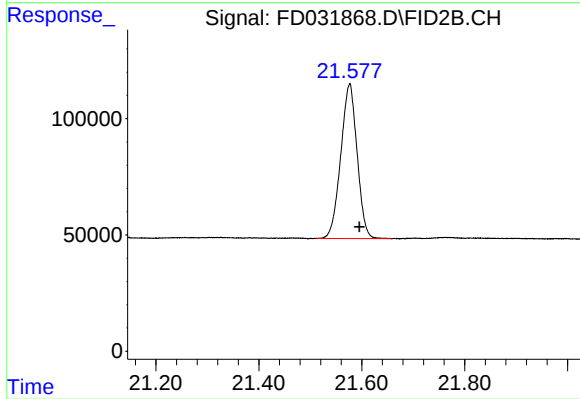
R.T.: 19.993 min
Delta R.T.: -0.013 min
Response: 1553792
Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: -0.015 min
Response: 1440011
Conc: 22.30 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.019 min
Response: 1465907
Conc: 21.80 ug/ml