

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012420AL\
 Data File : FD032136.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jan 2020 14:02
 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: Jan 25 03:10:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 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)	11.534	2660988	19.262 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	12.965	2038954	18.718 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T n-Nonane (C9)	3.332	2482913	21.125 ug/ml
2) T n-Decane (C10)	4.396	2516453	21.361 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2822082	21.331 ug/ml
4) T n-Dodecane (C12)	6.405	2546810	21.399 ug/ml
5) T A~2-methylnaphthalene...	7.025	2834822	21.149 ug/ml
6) T n-Tetradecane (C14)	8.191	2551765	21.025 ug/ml
7) T n-Hexadecane (C16)	9.784	2540897	20.501 ug/ml
8) T n-Octadecane (C18)	11.219	2505757	19.843 ug/ml
10) T n-Eicosane (C20)	12.523	2446664	19.174 ug/ml
11) T n-Heneicosane (C21)	13.132	2427103	18.842 ug/ml
13) T n-Docosane (C22)	13.715	2393614	18.606 ug/ml
14) T n-Tetracosane (C24)	14.814	2399770	18.480 ug/ml
15) T n-Hexacosane (C26)	15.830	2376352	18.437 ug/ml
16) T n-Octacosane (C28)	16.774	2367790	18.576 ug/ml
17) T n-Tricontane (C30)	17.657	2286121	18.648 ug/ml
18) T n-Dotriacontane (C32)	18.485	1965113	18.772 ug/ml
19) T n-Tetratriacontane (C34)	19.264	1652500	18.686 ug/ml
20) T n-Hexatriacontane (C36)	19.999	1480793	18.789 ug/ml
21) T n-Octatriacontane (C38)	20.716	1398656	18.968 ug/ml
22) T n-Tetracontane (C40)	21.585	1449579	19.152 ug/ml

(f)=RT Delta > 1/2 Window

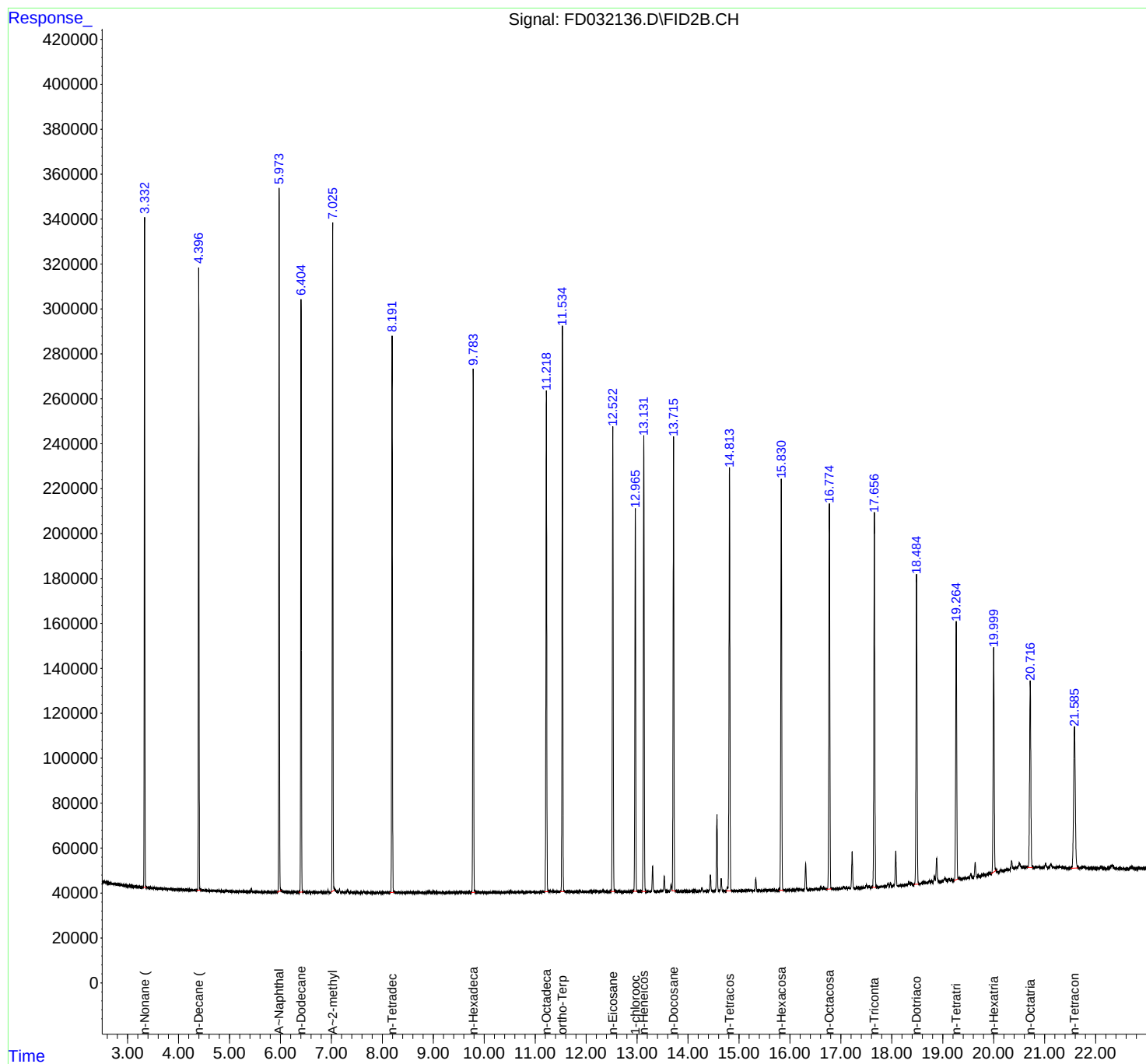
(m)=manual int.

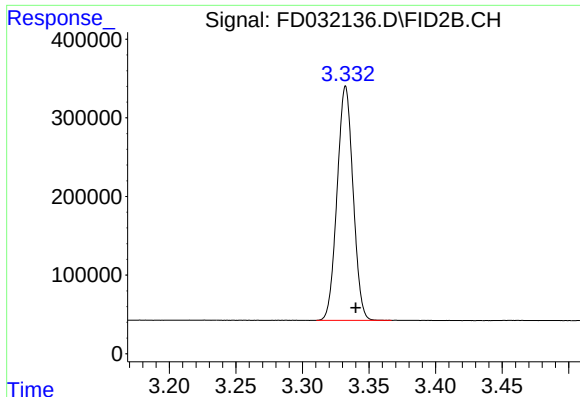
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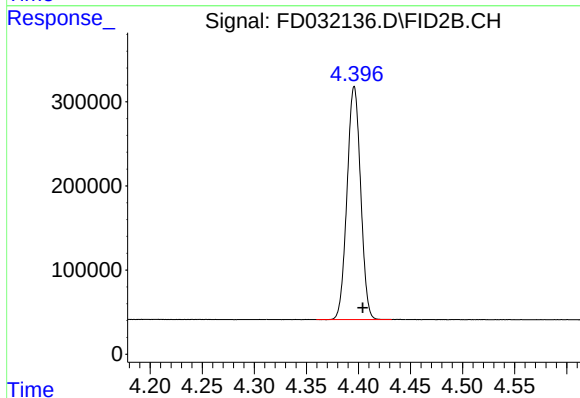




#1 n-Nonane (C9)

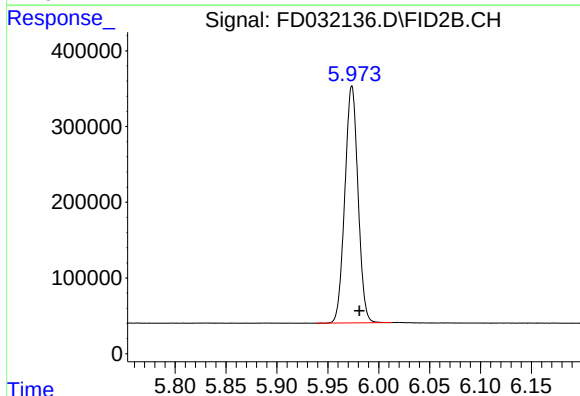
R.T.: 3.332 min
Delta R.T.: -0.008 min
Response: 2482913
Conc: 21.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



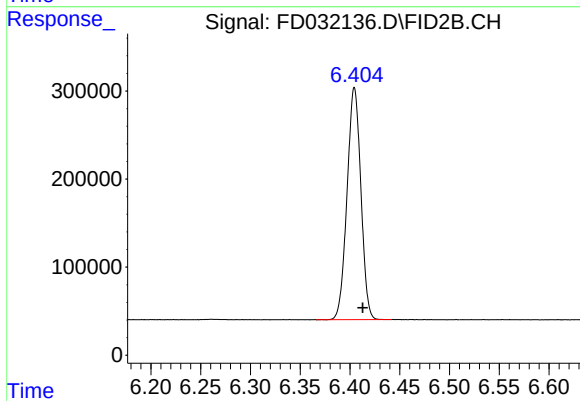
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.008 min
Response: 2516453
Conc: 21.36 ug/ml



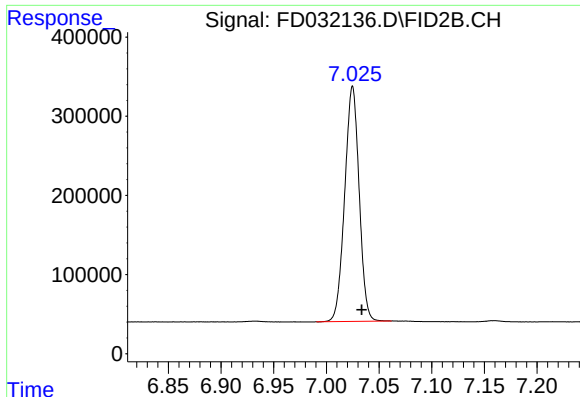
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 2822082
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

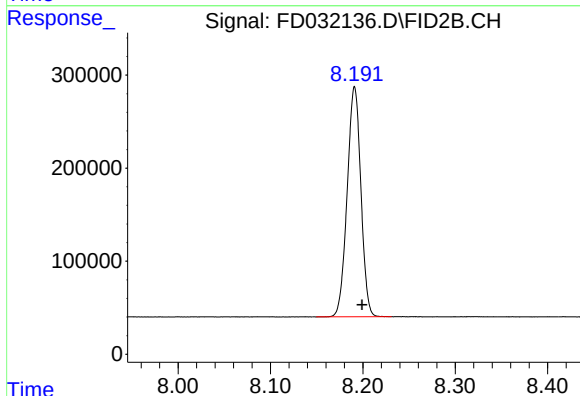
R.T.: 6.405 min
Delta R.T.: -0.008 min
Response: 2546810
Conc: 21.40 ug/ml



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

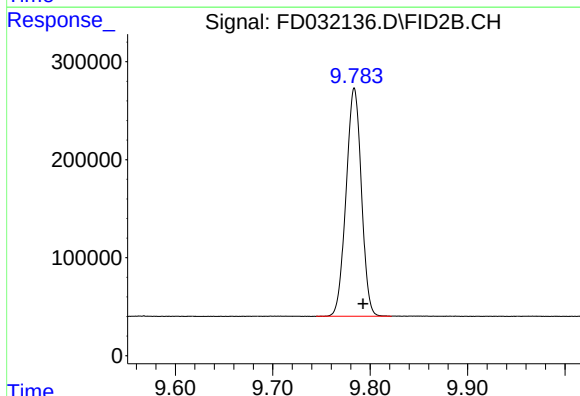
R.T.: 7.025 min
Delta R.T.: -0.009 min
Response: 2834822
Conc: 21.15 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



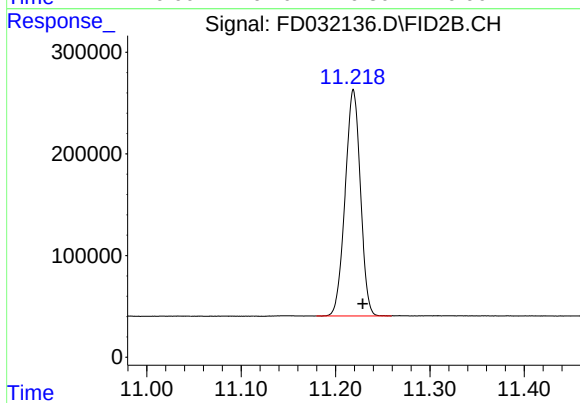
#6 n-Tetradecane (C14)

R.T.: 8.191 min
Delta R.T.: -0.008 min
Response: 2551765
Conc: 21.02 ug/ml



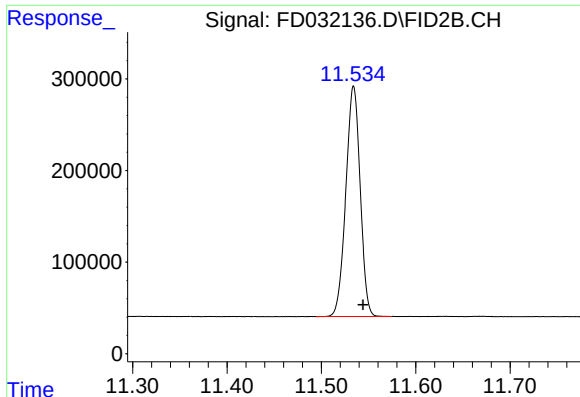
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: -0.009 min
Response: 2540897
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

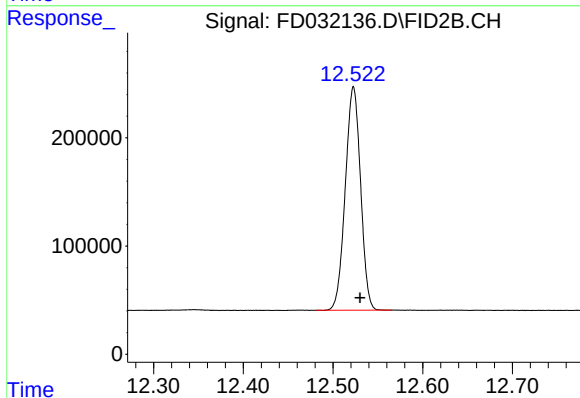
R.T.: 11.219 min
Delta R.T.: -0.010 min
Response: 2505757
Conc: 19.84 ug/ml



#9 ortho-Terphenyl (SURR)

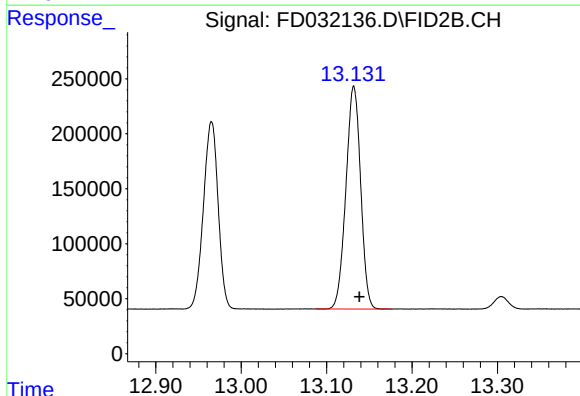
R.T.: 11.534 min
Delta R.T.: -0.010 min
Response: 2660988
Conc: 19.26 ug/ml

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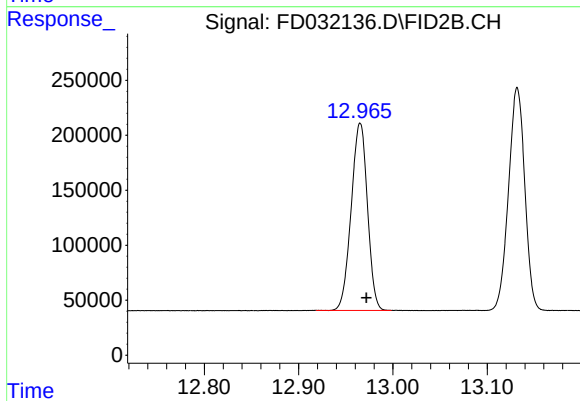
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.007 min
Response: 2446664
Conc: 19.17 ug/ml



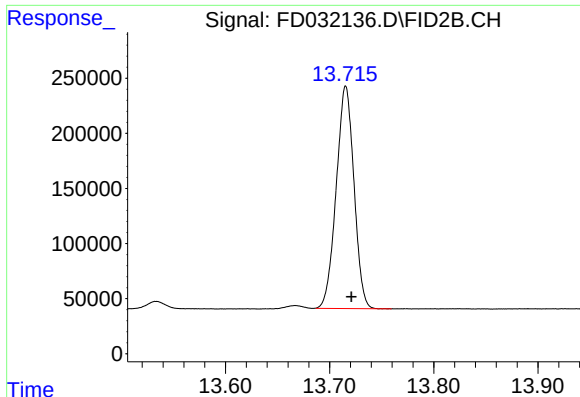
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.007 min
Response: 2427103
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

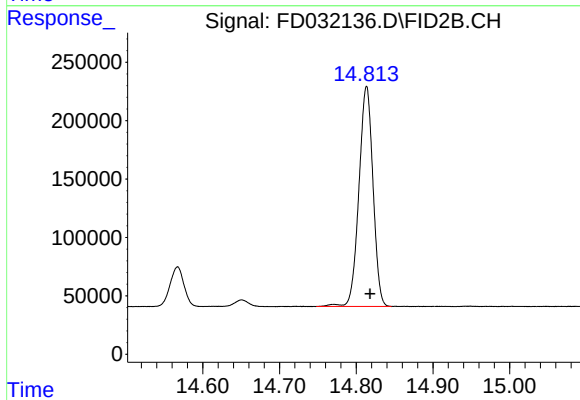
R.T.: 12.965 min
Delta R.T.: -0.007 min
Response: 2038954
Conc: 18.72 ug/ml



#13 n-Docosane (C22)

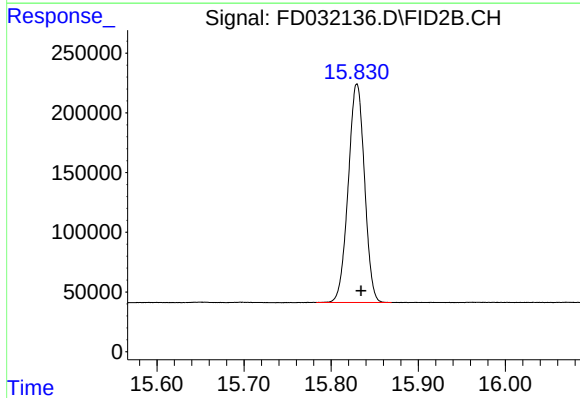
R.T.: 13.715 min
Delta R.T.: -0.005 min
Response: 2393614
Conc: 18.61 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



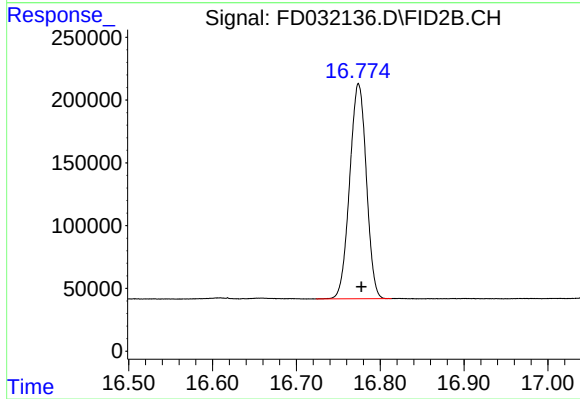
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.005 min
Response: 2399770
Conc: 18.48 ug/ml



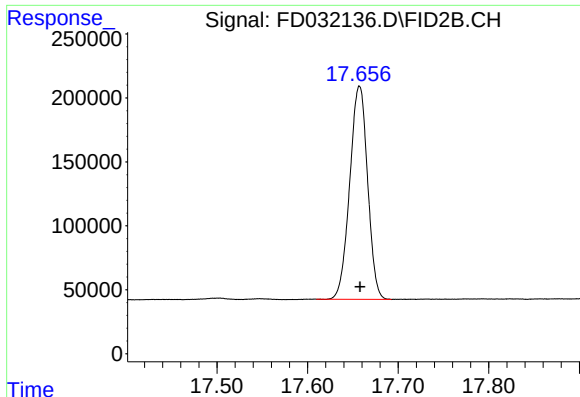
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.005 min
Response: 2376352
Conc: 18.44 ug/ml



#16 n-Octacosane (C28)

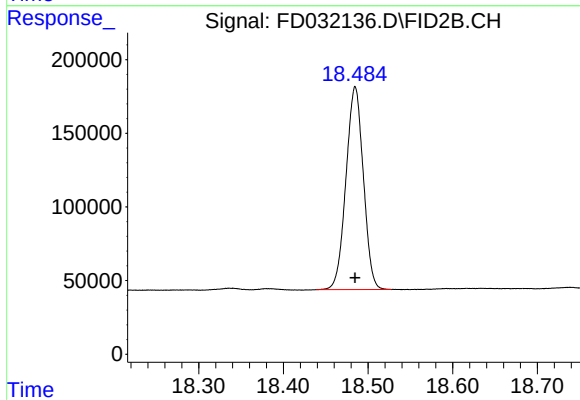
R.T.: 16.774 min
Delta R.T.: -0.003 min
Response: 2367790
Conc: 18.58 ug/ml



#17 n-Tricontane (C30)

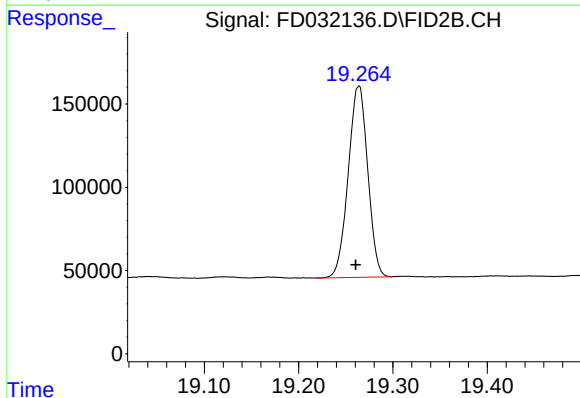
R.T.: 17.657 min
Delta R.T.: 0.000 min
Response: 2286121
Conc: 18.65 ug/ml

Instrument :
FID_D
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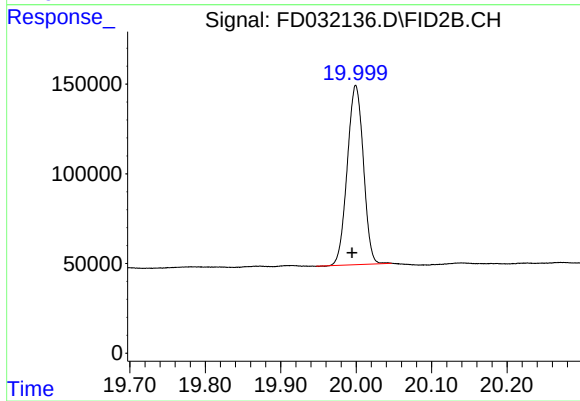
#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: 0.000 min
Response: 1965113
Conc: 18.77 ug/ml



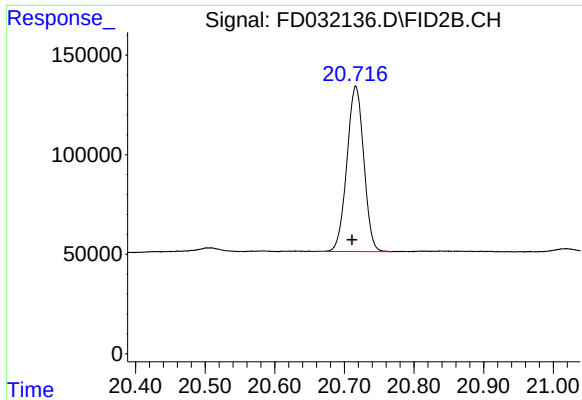
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: 0.003 min
Response: 1652500
Conc: 18.69 ug/ml



#20 n-Hexatriacontane (C36)

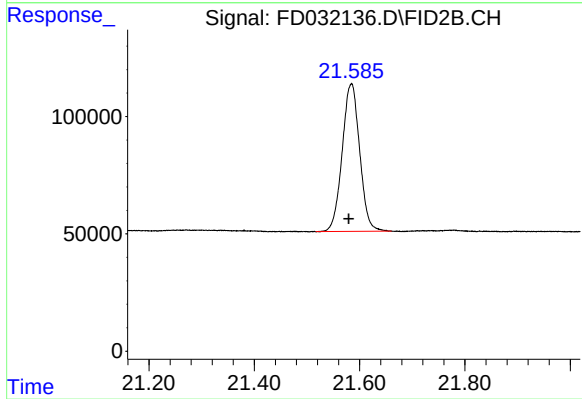
R.T.: 19.999 min
Delta R.T.: 0.005 min
Response: 1480793
Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.006 min
Response: 1398656
Conc: 18.97 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: 0.006 min
Response: 1449579
Conc: 19.15 ug/ml