

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102119AL\
 Data File : FD031130.D
 Signal(s) : FID2B.CH
 Acq On : 21 Oct 2019 14:13
 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: sample.E
 Quant Time: Oct 22 01:55:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 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)	11.435	2495244	19.896 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	12.865	1853982	19.801 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	3.261	2289899	21.891 ug/ml
2) T n-Decane (C10)	4.316	2308376	22.021 ug/ml
3) T A~Naphthalene (C11.7)	5.885	2517346	21.969 ug/ml
4) T n-Dodecane (C12)	6.318	2328227	21.767 ug/ml
5) T A~2-methylnaphthalene...	6.935	2526966	21.921 ug/ml
6) T n-Tetradecane (C14)	8.102	2299919	21.385 ug/ml
7) T n-Hexadecane (C16)	9.692	2274513	21.120 ug/ml
8) T n-Octadecane (C18)	11.124	2238664	20.476 ug/ml
10) T n-Eicosane (C20)	12.424	2185264	19.985 ug/ml
11) T n-Heneicosane (C21)	13.032	2179606	19.831 ug/ml
13) T n-Docosane (C22)	13.613	2138789	19.557 ug/ml
14) T n-Tetracosane (C24)	14.707	2108175	19.304 ug/ml
15) T n-Hexacosane (C26)	15.721	2022708	18.690 ug/ml
16) T n-Octacosane (C28)	16.662	1973988	18.388 ug/ml
17) T n-Tricontane (C30)	17.542	1959735	18.397 ug/ml
18) T n-Dotriacontane (C32)	18.367	1917827	18.630 ug/ml
19) T n-Tetratriacontane (C34)	19.144	1909498	19.430 ug/ml
20) T n-Hexatriacontane (C36)	19.878	1839770	19.972 ug/ml
21) T n-Octatriacontane (C38)	20.581	1808652	20.899 ug/ml
22) T n-Tetracontane (C40)	21.410	1914980	21.552 ug/ml

(f)=RT Delta > 1/2 Window

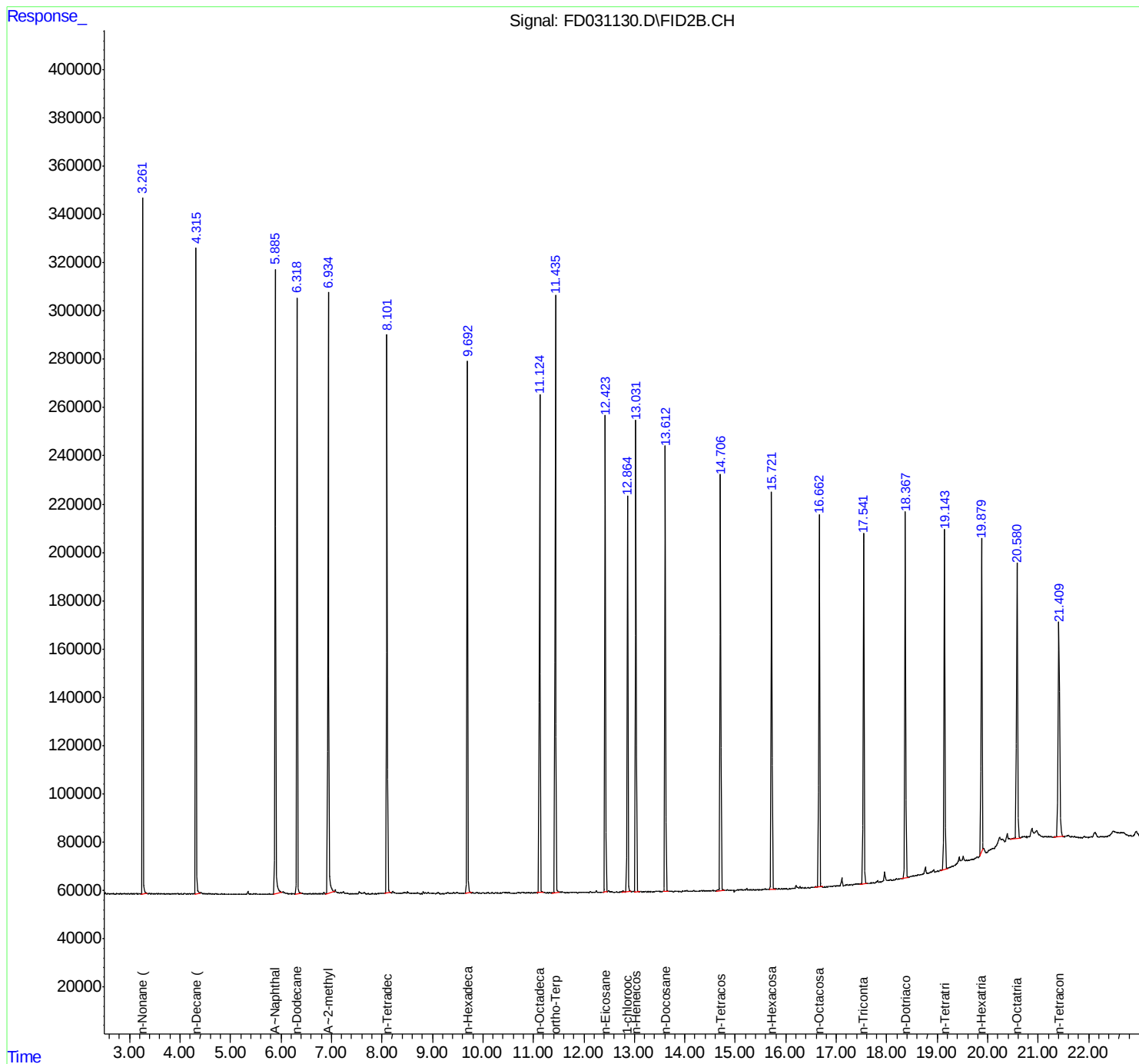
(m)=manual int.

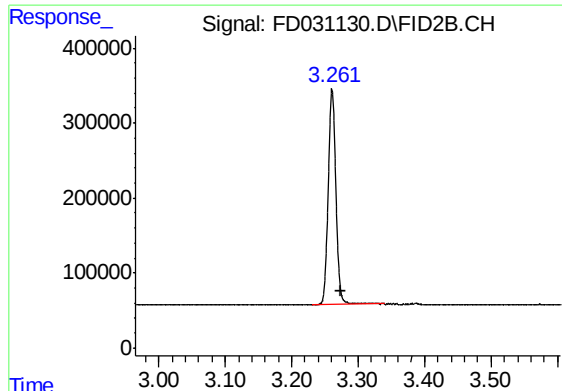
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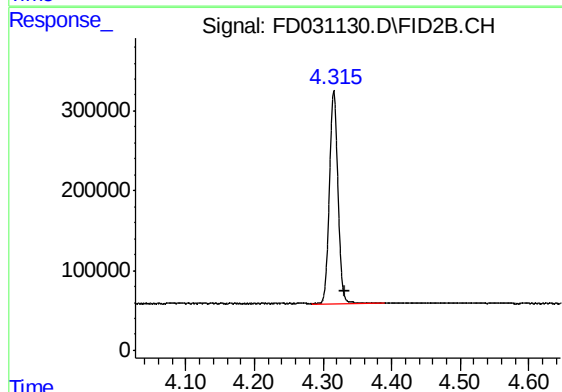




#1 n-Nonane (C9)

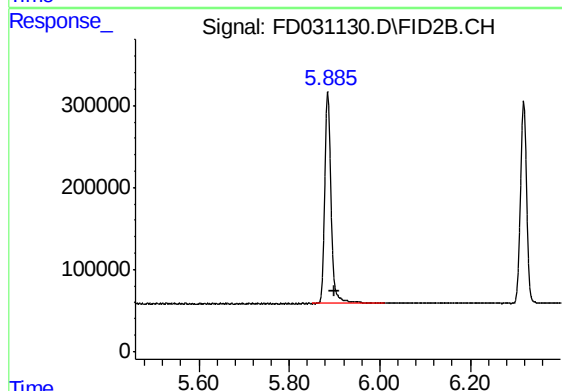
R.T.: 3.261 min
Delta R.T.: -0.013 min
Response: 2289899
Conc: 21.89 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



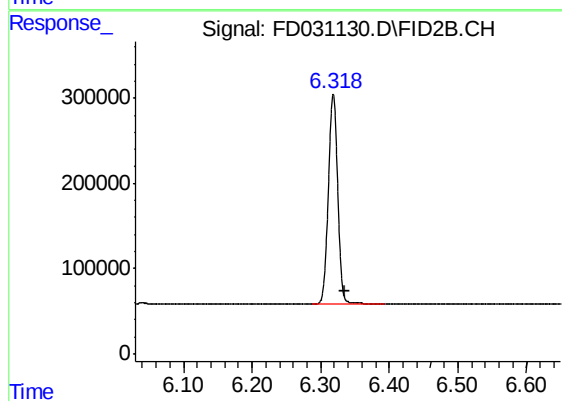
#2 n-Decane (C10)

R.T.: 4.316 min
Delta R.T.: -0.015 min
Response: 2308376
Conc: 22.02 ug/ml



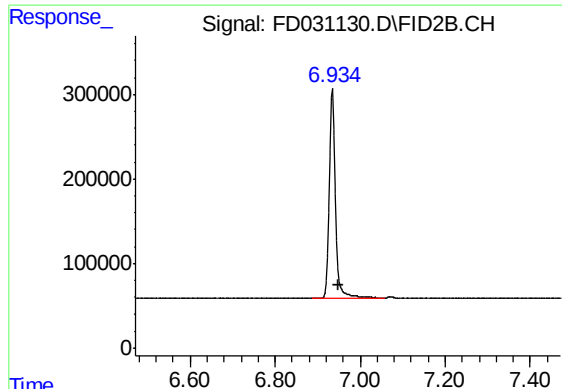
#3 A~Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.015 min
Response: 2517346
Conc: 21.97 ug/ml



#4 n-Dodecane (C12)

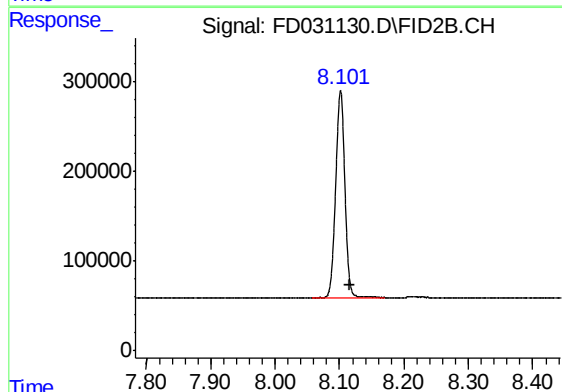
R.T.: 6.318 min
Delta R.T.: -0.016 min
Response: 2328227
Conc: 21.77 ug/ml



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

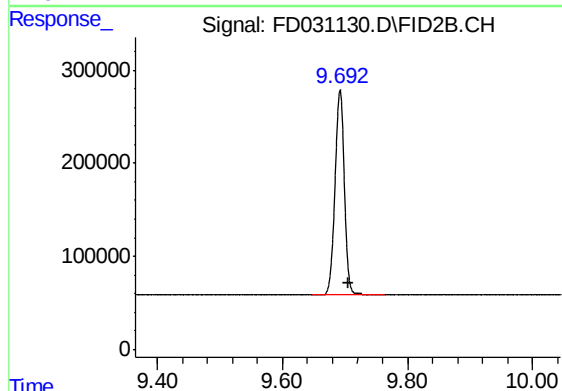
R.T.: 6.935 min
Delta R.T.: -0.016 min
Response: 2526966
Conc: 21.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



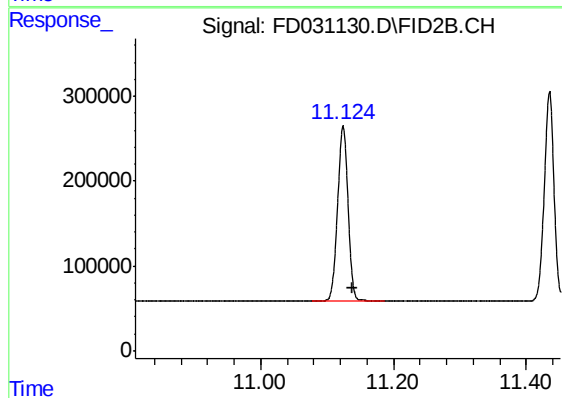
#6 n-Tetradecane (C14)

R.T.: 8.102 min
Delta R.T.: -0.015 min
Response: 2299919
Conc: 21.38 ug/ml



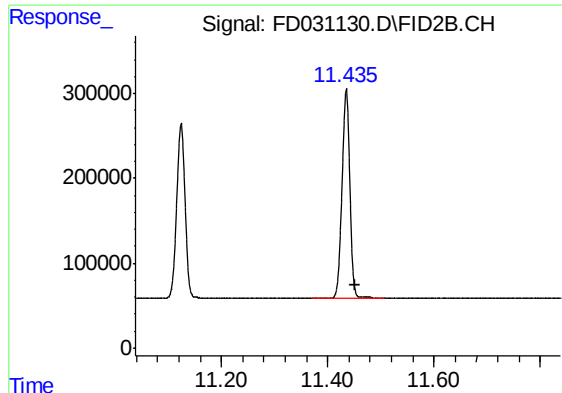
#7 n-Hexadecane (C16)

R.T.: 9.692 min
Delta R.T.: -0.015 min
Response: 2274513
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

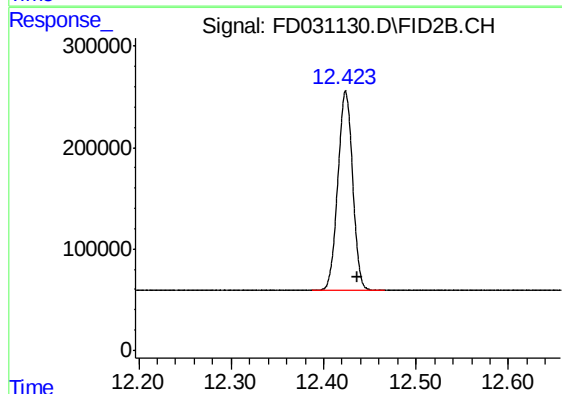
R.T.: 11.124 min
Delta R.T.: -0.015 min
Response: 2238664
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

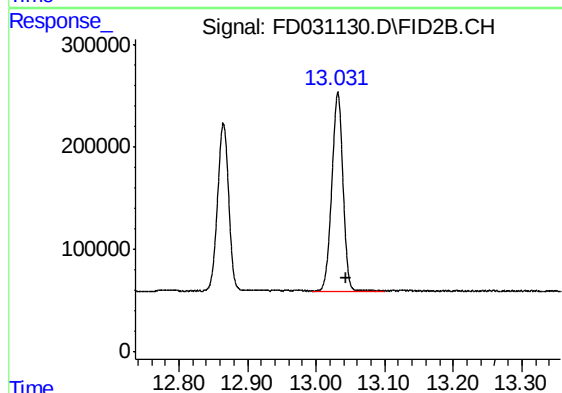
R.T.: 11.435 min
Delta R.T.: -0.016 min
Response: 2495244
Conc: 19.90 ug/ml

Instrument :
FID_D
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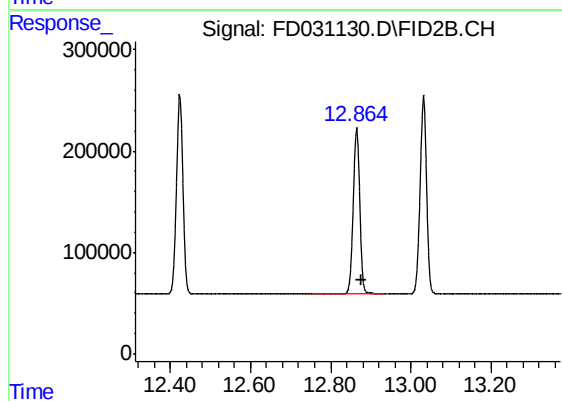
#10 n-Eicosane (C20)

R.T.: 12.424 min
Delta R.T.: -0.013 min
Response: 2185264
Conc: 19.98 ug/ml



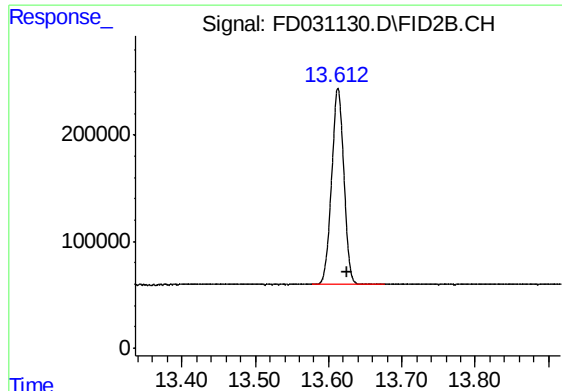
#11 n-Heneicosane (C21)

R.T.: 13.032 min
Delta R.T.: -0.012 min
Response: 2179606
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

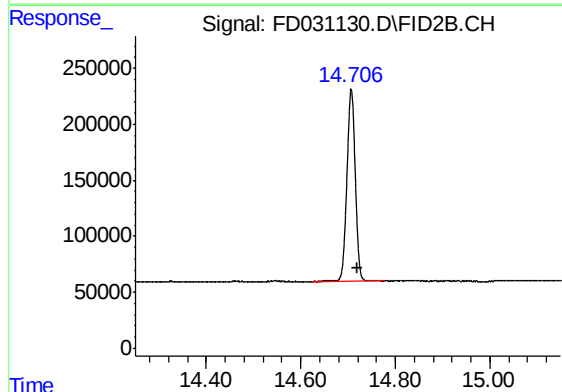
R.T.: 12.865 min
Delta R.T.: -0.012 min
Response: 1853982
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

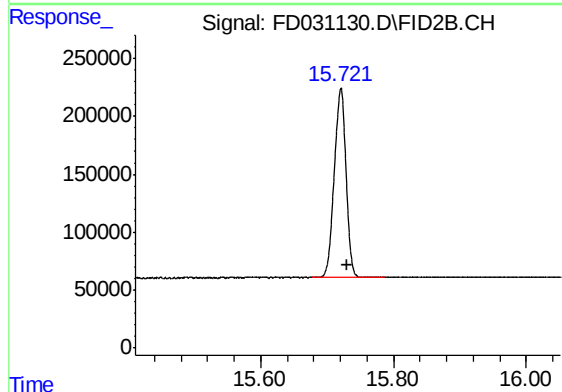
R.T.: 13.613 min
Delta R.T.: -0.013 min
Response: 2138789
Conc: 19.56 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



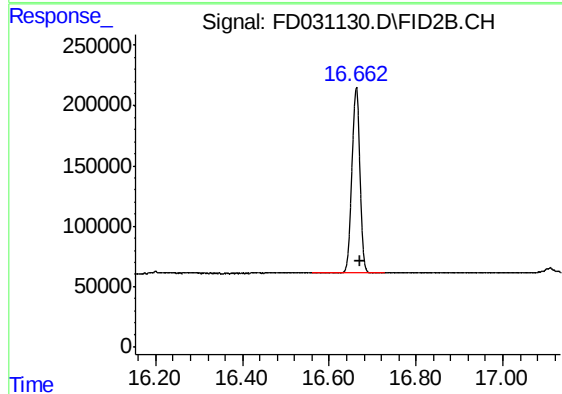
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: -0.012 min
Response: 2108175
Conc: 19.30 ug/ml



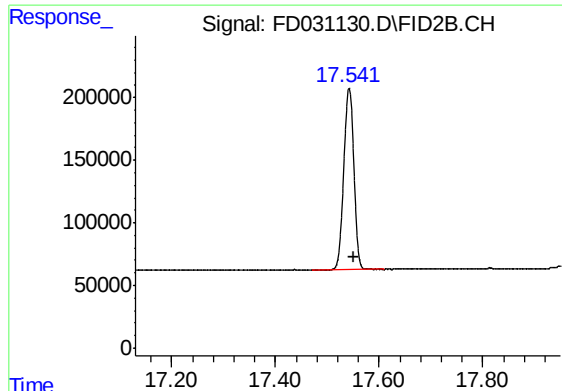
#15 n-Hexacosane (C26)

R.T.: 15.721 min
Delta R.T.: -0.010 min
Response: 2022708
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

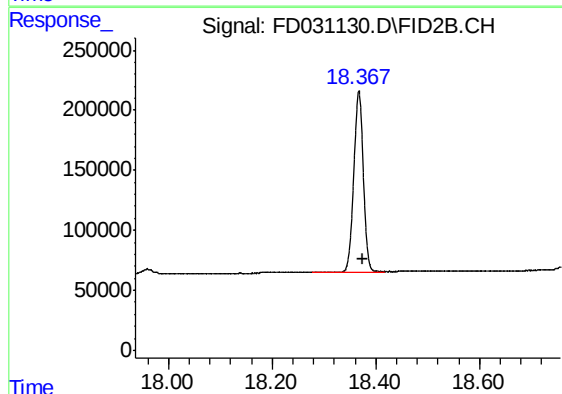
R.T.: 16.662 min
Delta R.T.: -0.009 min
Response: 1973988
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

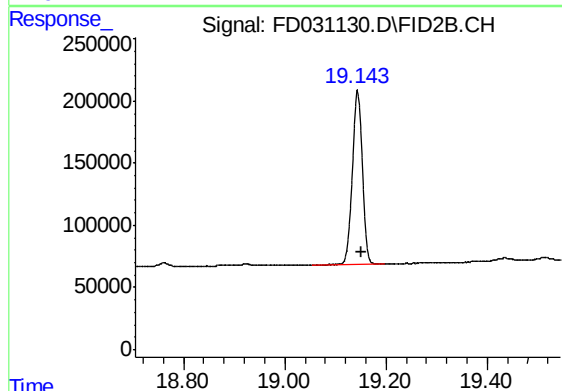
R.T.: 17.542 min
Delta R.T.: -0.009 min
Response: 1959735
Conc: 18.40 ug/ml

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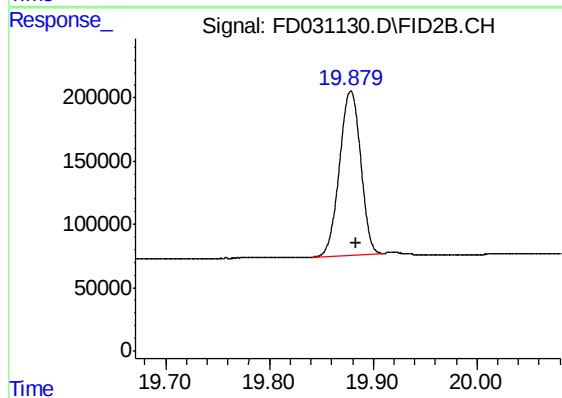
#18 n-Dotriacontane (C32)

R.T.: 18.367 min
Delta R.T.: -0.008 min
Response: 1917827
Conc: 18.63 ug/ml



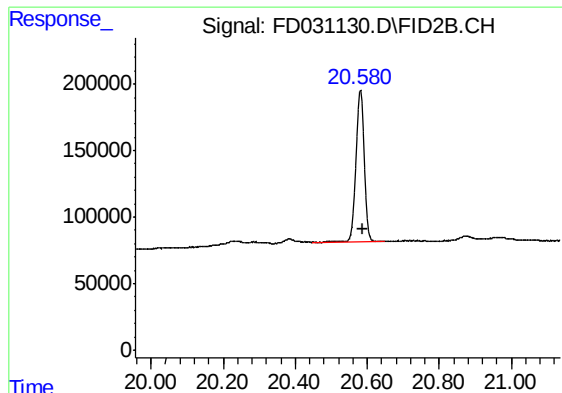
#19 n-Tetatriacontane (C34)

R.T.: 19.144 min
Delta R.T.: -0.008 min
Response: 1909498
Conc: 19.43 ug/ml



#20 n-Hexatriacontane (C36)

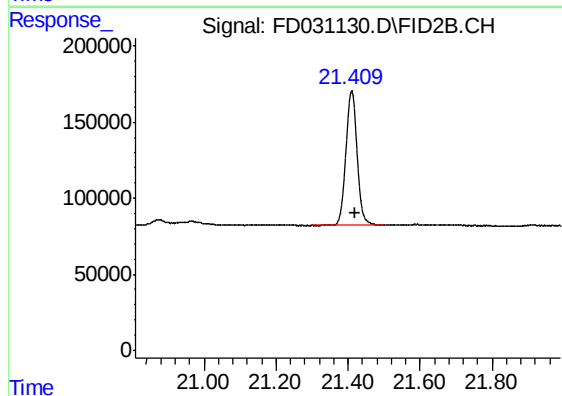
R.T.: 19.878 min
Delta R.T.: -0.005 min
Response: 1839770
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.581 min
Delta R.T.: -0.005 min
Response: 1808652
Conc: 20.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.410 min
Delta R.T.: -0.008 min
Response: 1914980
Conc: 21.55 ug/ml