

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AL\
 Data File : FD036898.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 10:57
 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: Apr 15 01:11:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 2021
 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)	11.486	2513295	16.962 ug/ml
Spiked Amount 50.000		Recovery =	33.92%
12) S 1-chlorooctadecane (S...	12.919	1924171	16.534 ug/ml
Spiked Amount 50.000		Recovery =	33.07%
Target Compounds			
1) T n-Nonane (C9)	3.287	2528902	19.895 ug/ml
2) T n-Decane (C10)	4.347	2566278	19.916 ug/ml
3) T A~Naphthalene (C11.7)	5.921	2850025	19.520 ug/ml
4) T n-Dodecane (C12)	6.357	2628676	19.830 ug/ml
5) T A~2-methylnaphthalene...	6.974	2871050	19.175 ug/ml
6) T n-Tetradecane (C14)	8.145	2600330	19.131 ug/ml
7) T n-Hexadecane (C16)	9.739	2487945	18.682 ug/ml
8) T n-Octadecane (C18)	11.174	2482095	17.919 ug/ml
10) T n-Eicosane (C20)	12.478	2357312	17.053 ug/ml
11) T n-Heneicosane (C21)	13.087	2286135	16.605 ug/ml
13) T n-Docosane (C22)	13.670	2214790	16.283 ug/ml
14) T n-Tetracosane (C24)	14.768	2096953	15.817 ug/ml
15) T n-Hexacosane (C26)	15.783	1993519	15.745 ug/ml
16) T n-Octacosane (C28)	16.727	1942401	16.106 ug/ml
17) T n-Tricontane (C30)	17.607	1925072	16.758 ug/ml
18) T n-Dotriacontane (C32)	18.436	1903222	17.304 ug/ml
19) T n-Tetratriacontane (C34)	19.214	1902480	18.524 ug/ml
20) T n-Hexatriacontane (C36)	19.949	1871622	19.156 ug/ml
21) T n-Octatriacontane (C38)	20.657	1825167	19.741 ug/ml
22) T n-Tetracontane (C40)	21.507	1892428	18.762 ug/ml

(f)=RT Delta > 1/2 Window

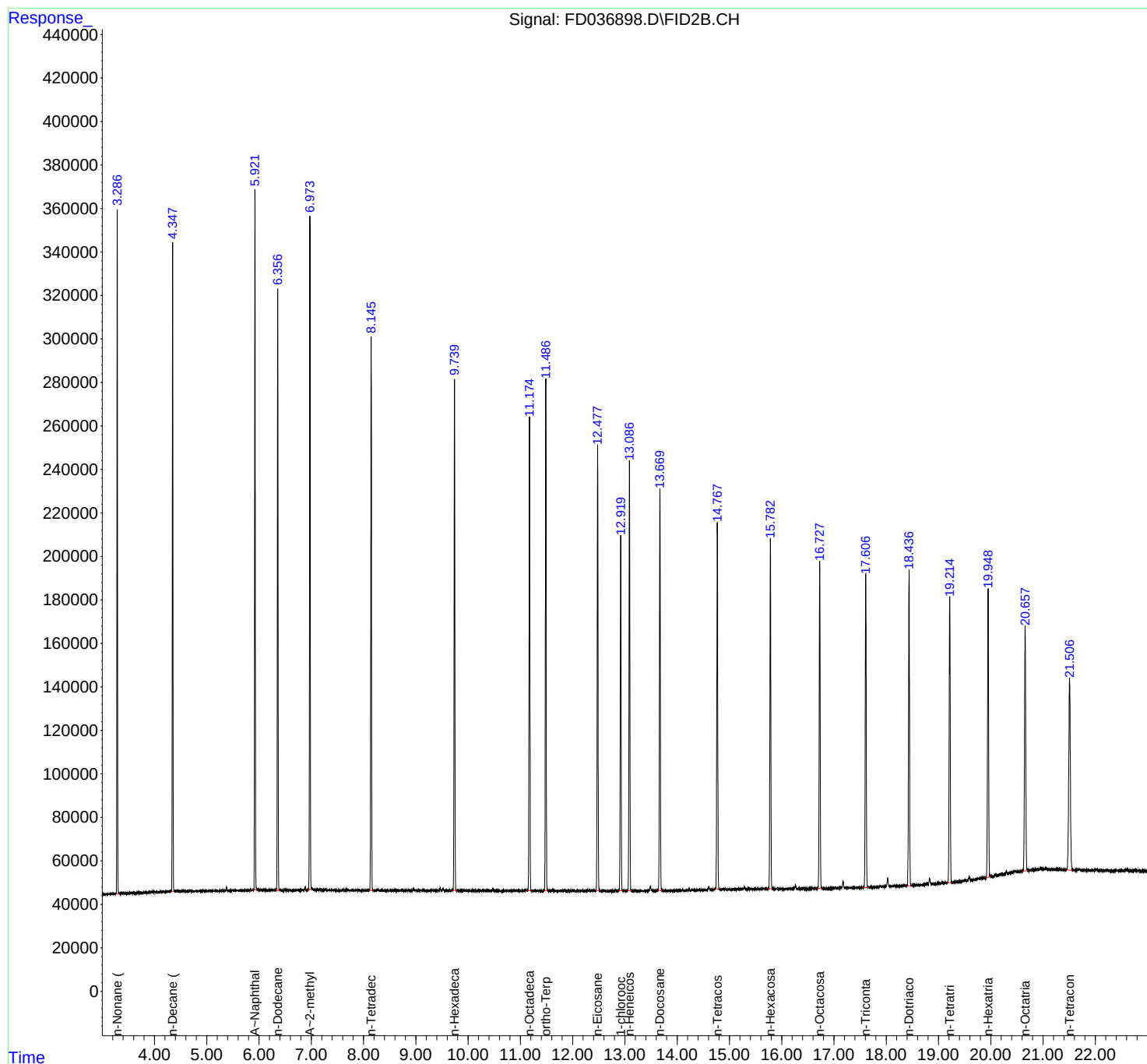
(m)=manual int.

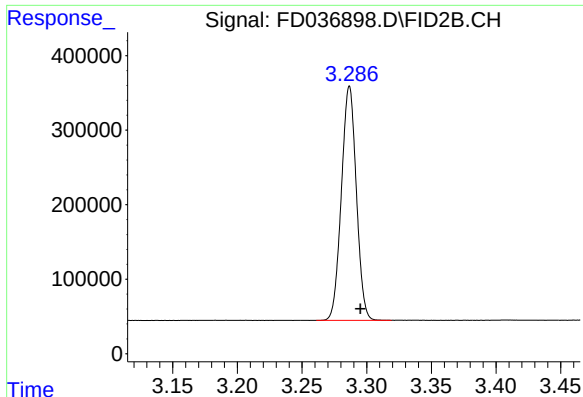
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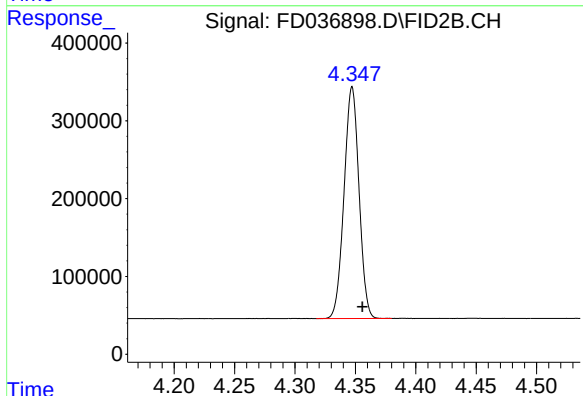




#1 n-Nonane (C9)

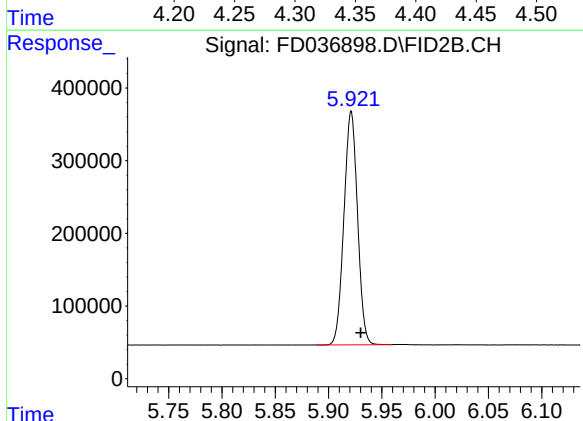
R.T.: 3.287 min
Delta R.T.: -0.008 min
Response: 2528902
Conc: 19.89 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



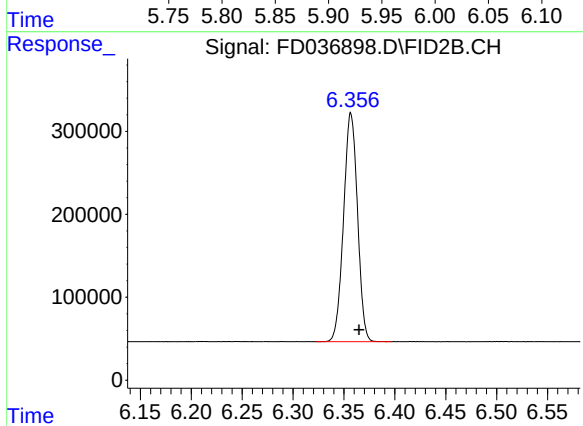
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: -0.009 min
Response: 2566278
Conc: 19.92 ug/ml



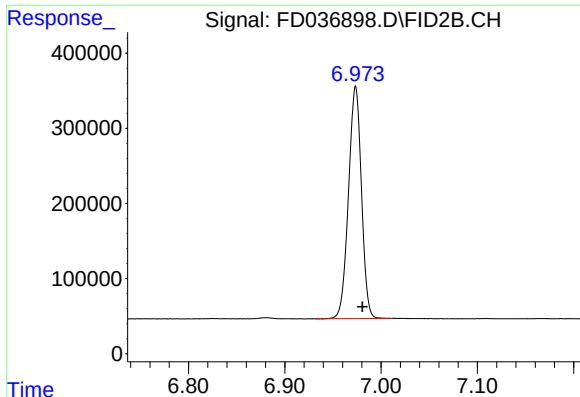
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.009 min
Response: 2850025
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

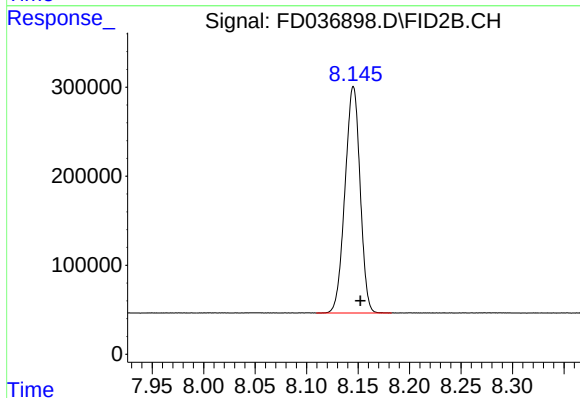
R.T.: 6.357 min
Delta R.T.: -0.008 min
Response: 2628676
Conc: 19.83 ug/ml



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

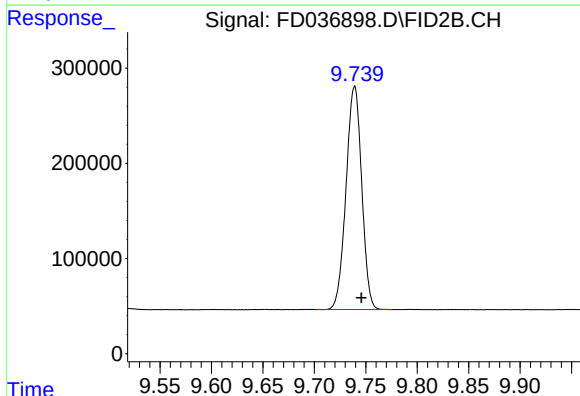
R.T.: 6.974 min
Delta R.T.: -0.007 min
Response: 2871050
Conc: 19.18 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



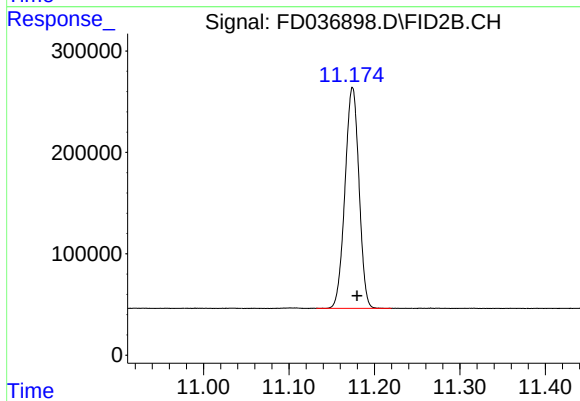
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: -0.007 min
Response: 2600330
Conc: 19.13 ug/ml



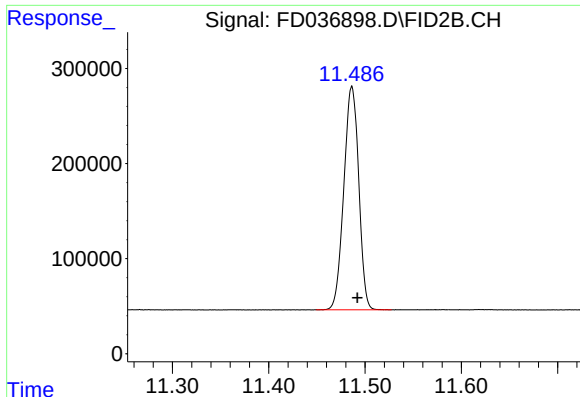
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.006 min
Response: 2487945
Conc: 18.68 ug/ml



#8 n-Octadecane (C18)

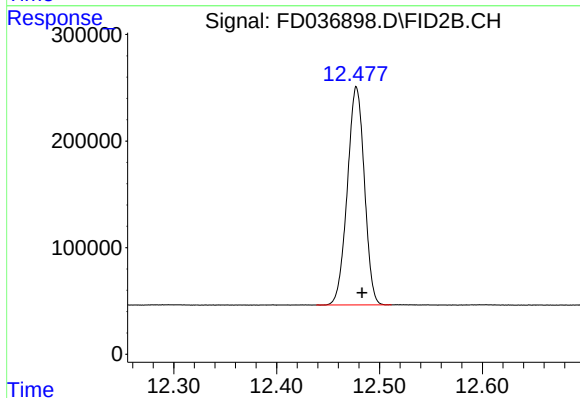
R.T.: 11.174 min
Delta R.T.: -0.005 min
Response: 2482095
Conc: 17.92 ug/ml



#9 ortho-Terphenyl (SURR)

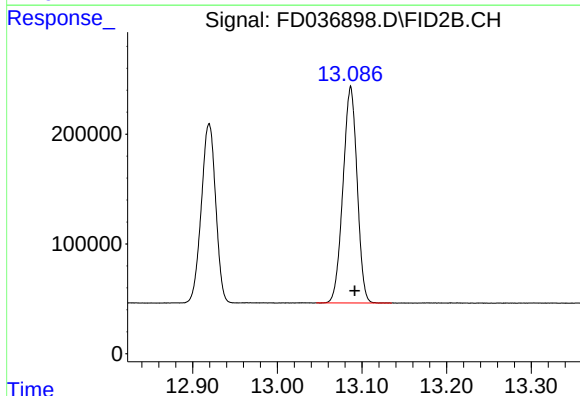
R.T.: 11.486 min
Delta R.T.: -0.006 min
Response: 2513295
Conc: 16.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



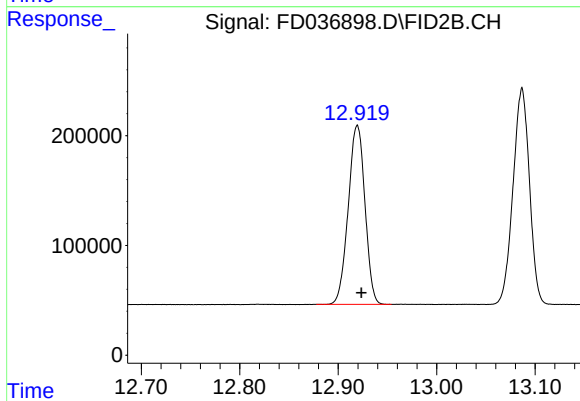
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.005 min
Response: 2357312
Conc: 17.05 ug/ml



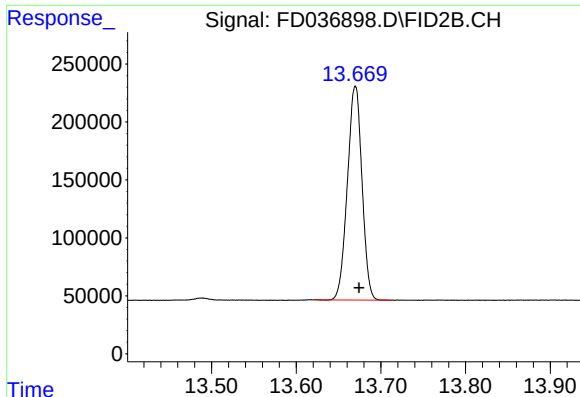
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: -0.005 min
Response: 2286135
Conc: 16.61 ug/ml



#12 1-chlorooctadecane (SURR)

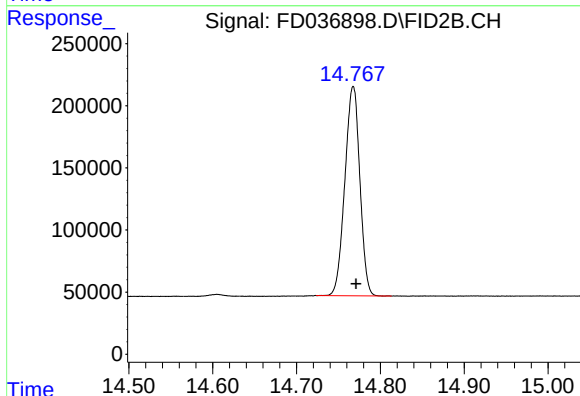
R.T.: 12.919 min
Delta R.T.: -0.004 min
Response: 1924171
Conc: 16.53 ug/ml



#13 n-Docosane (C22)

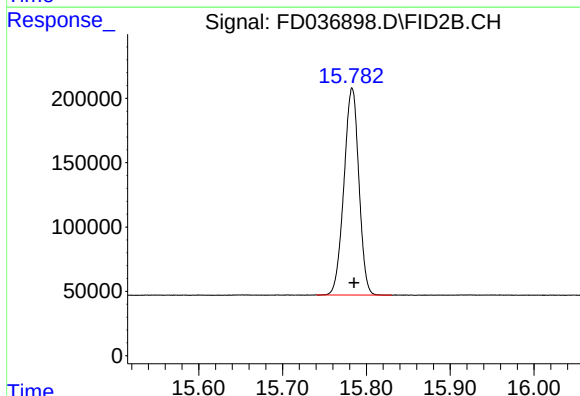
R.T.: 13.670 min
Delta R.T.: -0.004 min
Response: 2214790
Conc: 16.28 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



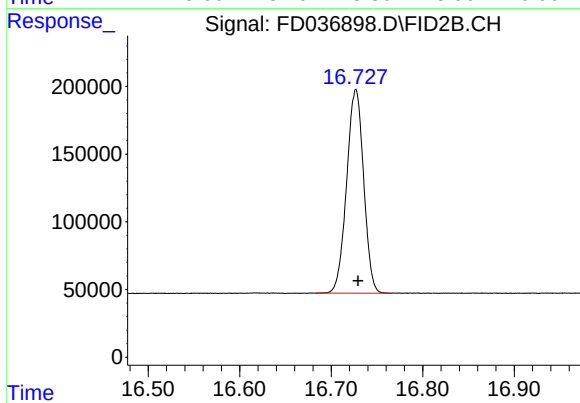
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.003 min
Response: 2096953
Conc: 15.82 ug/ml



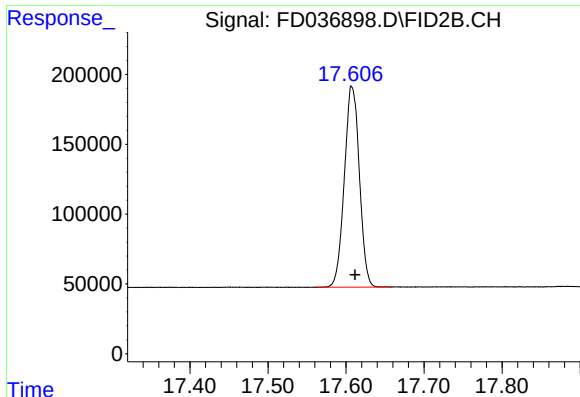
#15 n-Hexacosane (C26)

R.T.: 15.783 min
Delta R.T.: -0.002 min
Response: 1993519
Conc: 15.74 ug/ml



#16 n-Octacosane (C28)

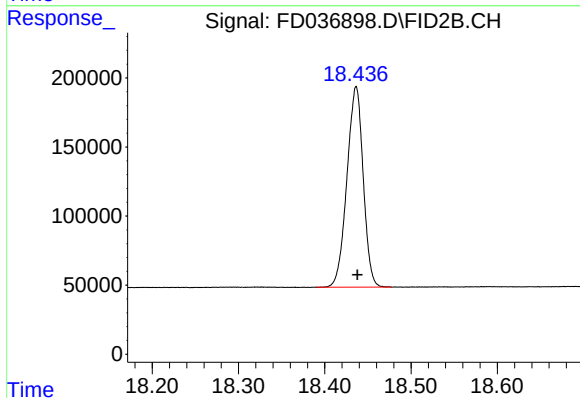
R.T.: 16.727 min
Delta R.T.: -0.002 min
Response: 1942401
Conc: 16.11 ug/ml



#17 n-Tricontane (C30)

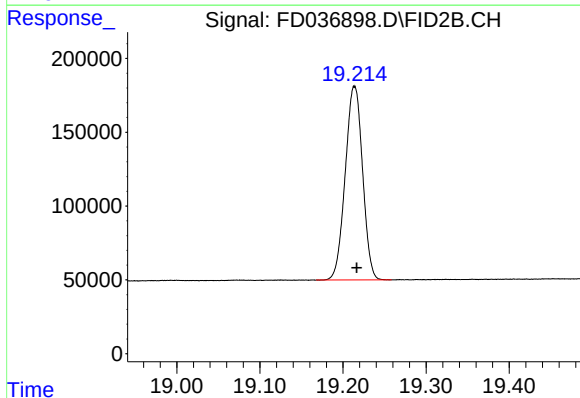
R.T.: 17.607 min
Delta R.T.: -0.004 min
Response: 1925072
Conc: 16.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



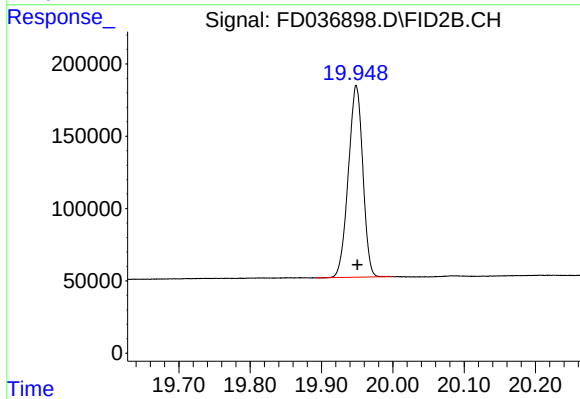
#18 n-Dotriacontane (C32)

R.T.: 18.436 min
Delta R.T.: -0.002 min
Response: 1903222
Conc: 17.30 ug/ml



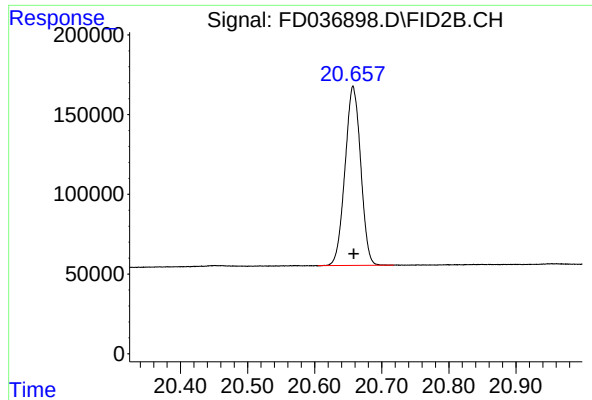
#19 n-Tetratriacontane (C34)

R.T.: 19.214 min
Delta R.T.: -0.002 min
Response: 1902480
Conc: 18.52 ug/ml



#20 n-Hexatriacontane (C36)

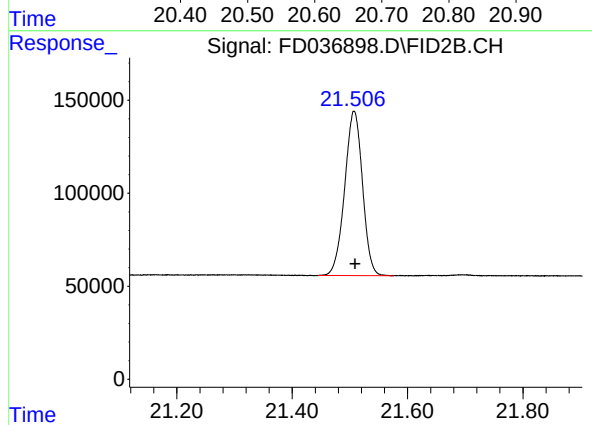
R.T.: 19.949 min
Delta R.T.: -0.002 min
Response: 1871622
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 1825167
Conc: 19.74 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: -0.002 min
Response: 1892428
Conc: 18.76 ug/ml