

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040721AL\
 Data File : FD036763.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2021 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: sample.E
 Quant Time: Apr 08 03:10:13 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)	11.485	2538280	17.131 ug/ml
Spiked Amount 50.000		Recovery =	34.26%
12) S 1-chlorooctadecane (S...	12.918	1904443	16.364 ug/ml
Spiked Amount 50.000		Recovery =	32.73%
Target Compounds			
1) T n-Nonane (C9)	3.289	2487483	19.569 ug/ml
2) T n-Decane (C10)	4.350	2523451	19.584 ug/ml
3) T A~Naphthalene (C11.7)	5.923	2779350	19.036 ug/ml
4) T n-Dodecane (C12)	6.359	2567563	19.369 ug/ml
5) T A~2-methylnaphthalene...	6.975	2794457	18.664 ug/ml
6) T n-Tetradecane (C14)	8.146	2531203	18.623 ug/ml
7) T n-Hexadecane (C16)	9.739	2433611	18.274 ug/ml
8) T n-Octadecane (C18)	11.174	2451208	17.696 ug/ml
10) T n-Eicosane (C20)	12.476	2352690	17.020 ug/ml
11) T n-Heneicosane (C21)	13.085	2290804	16.639 ug/ml
13) T n-Docosane (C22)	13.669	2227948	16.379 ug/ml
14) T n-Tetracosane (C24)	14.766	2105200	15.879 ug/ml
15) T n-Hexacosane (C26)	15.782	1981494	15.650 ug/ml
16) T n-Octacosane (C28)	16.725	1907501	15.816 ug/ml
17) T n-Tricontane (C30)	17.607	1863782	16.224 ug/ml
18) T n-Dotriacontane (C32)	18.435	1823686	16.581 ug/ml
19) T n-Tetratriacontane (C34)	19.213	1818965	17.711 ug/ml
20) T n-Hexatriacontane (C36)	19.949	1779186	18.210 ug/ml
21) T n-Octatriacontane (C38)	20.658	1719046	18.593 ug/ml
22) T n-Tetracontane (C40)	21.506	1745468	17.305 ug/ml

(f)=RT Delta > 1/2 Window

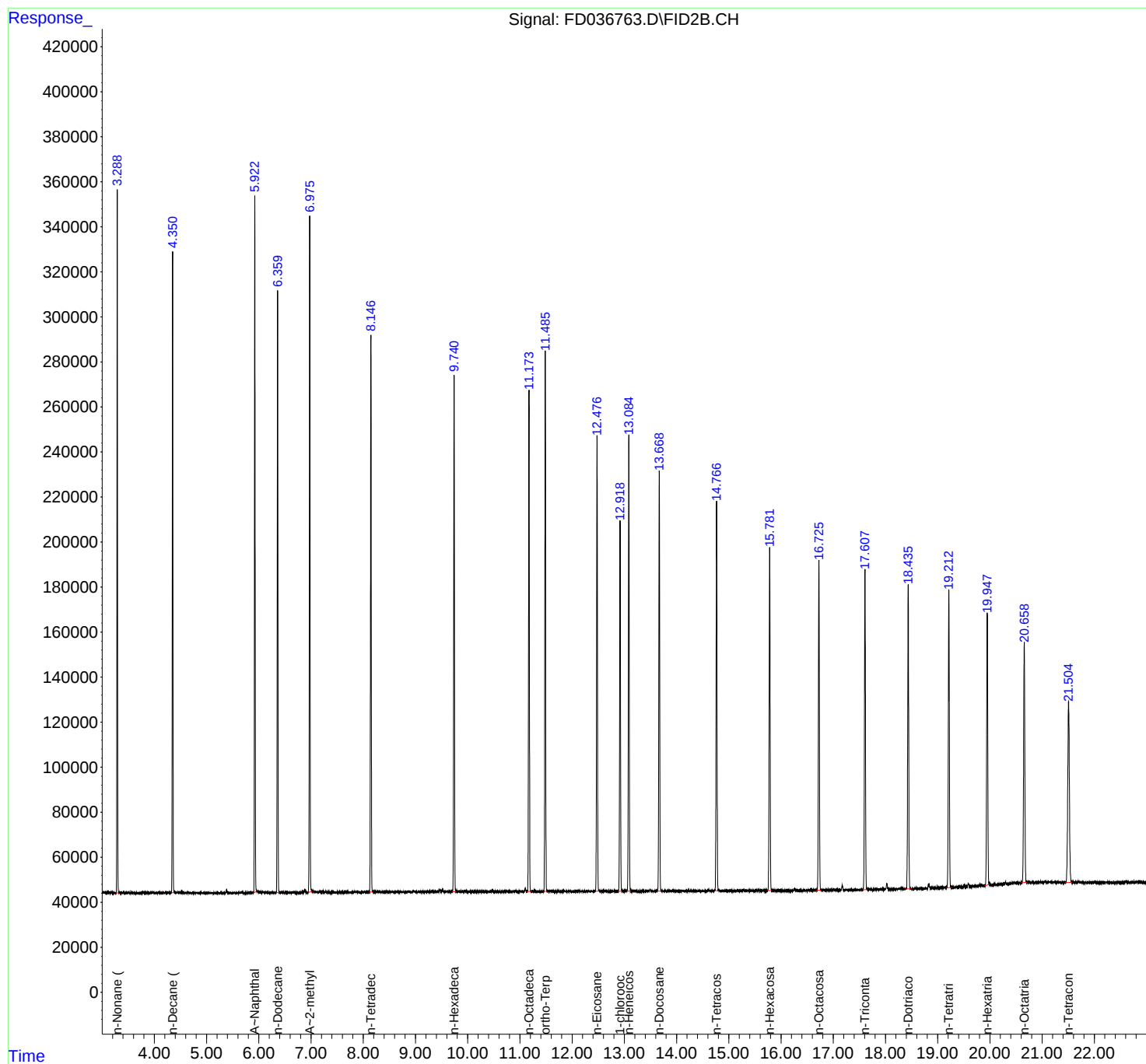
(m)=manual int.

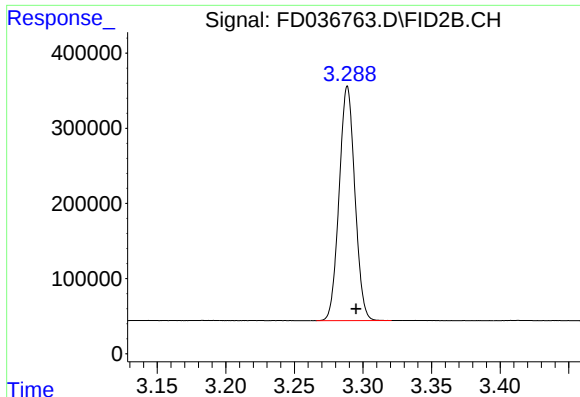
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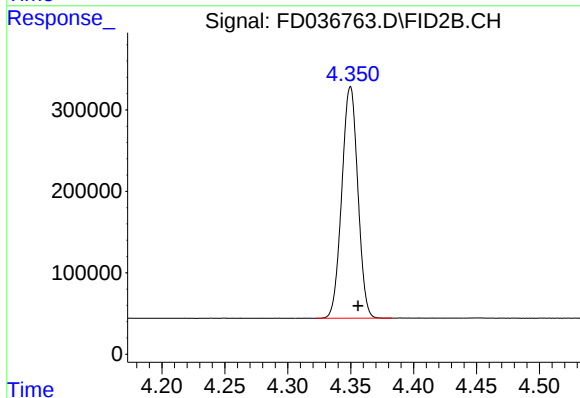




#1 n-Nonane (C9)

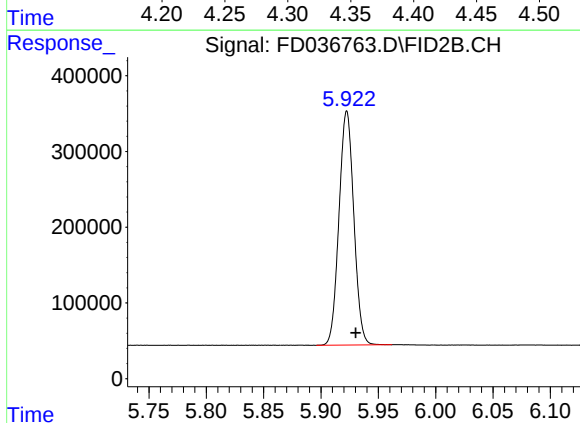
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2487483
Conc: 19.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



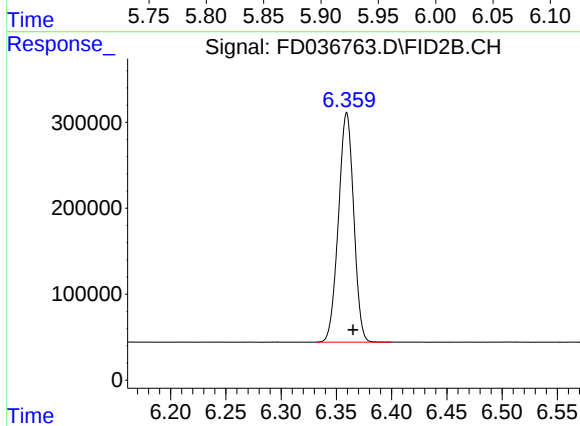
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 2523451
Conc: 19.58 ug/ml



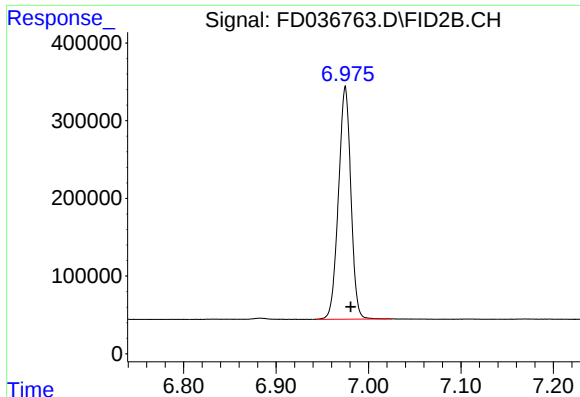
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.008 min
Response: 2779350
Conc: 19.04 ug/ml



#4 n-Dodecane (C12)

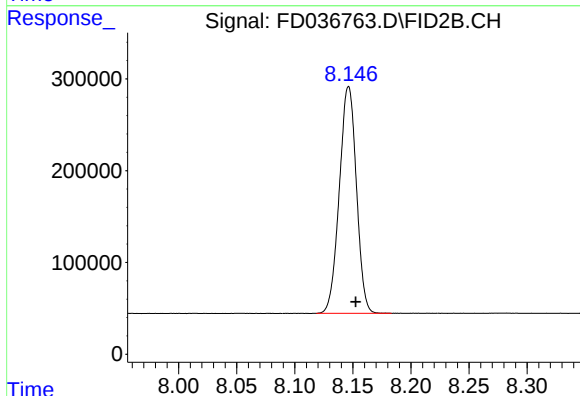
R.T.: 6.359 min
Delta R.T.: -0.005 min
Response: 2567563
Conc: 19.37 ug/ml



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

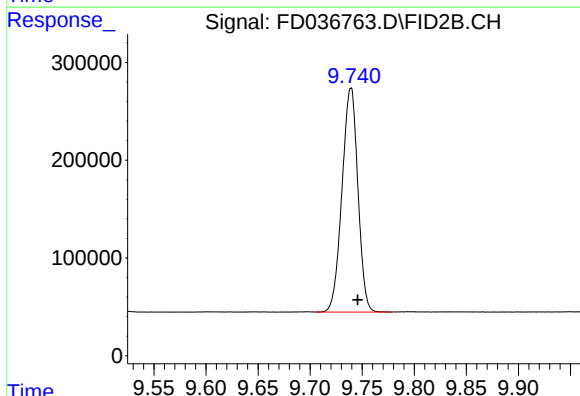
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 2794457
Conc: 18.66 ug/ml

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20 PPM ALIPHATIC HC STD



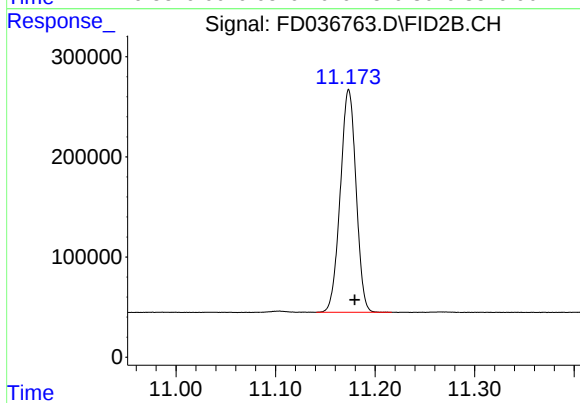
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 2531203
Conc: 18.62 ug/ml



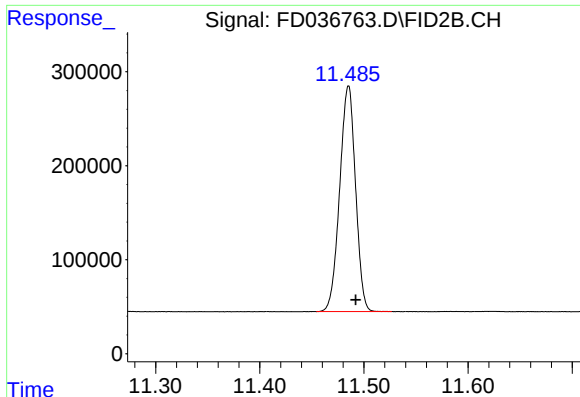
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.006 min
Response: 2433611
Conc: 18.27 ug/ml



#8 n-Octadecane (C18)

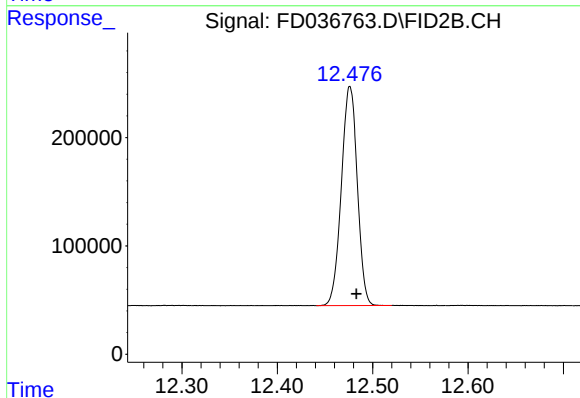
R.T.: 11.174 min
Delta R.T.: -0.006 min
Response: 2451208
Conc: 17.70 ug/ml



#9 ortho-Terphenyl (SURR)

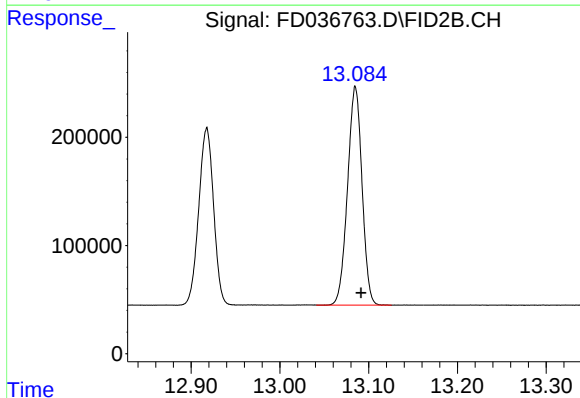
R.T.: 11.485 min
Delta R.T.: -0.007 min
Response: 2538280
Conc: 17.13 ug/ml

Instrument :
FID_D
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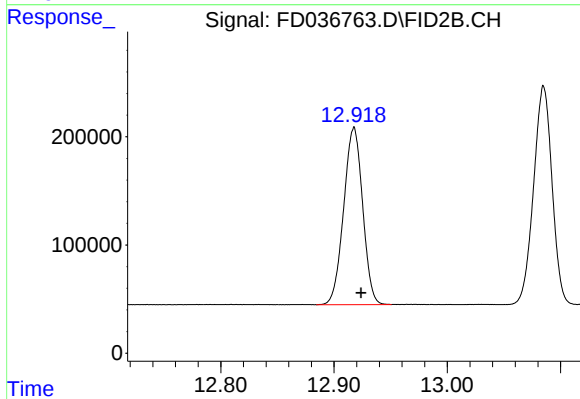
#10 n-Eicosane (C20)

R.T.: 12.476 min
Delta R.T.: -0.007 min
Response: 2352690
Conc: 17.02 ug/ml



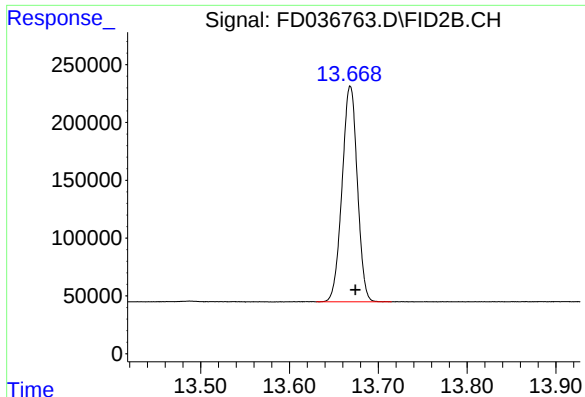
#11 n-Heneicosane (C21)

R.T.: 13.085 min
Delta R.T.: -0.006 min
Response: 2290804
Conc: 16.64 ug/ml



#12 1-chlorooctadecane (SURR)

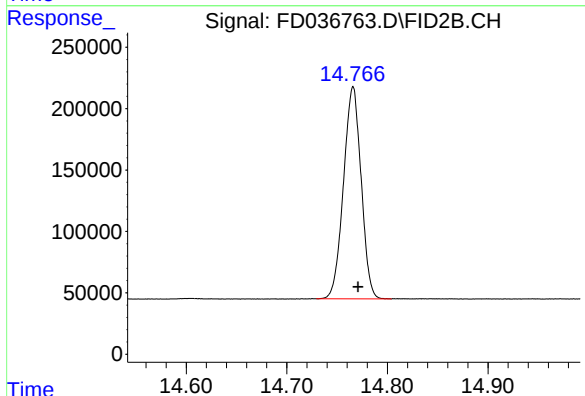
R.T.: 12.918 min
Delta R.T.: -0.006 min
Response: 1904443
Conc: 16.36 ug/ml



#13 n-Docosane (C22)

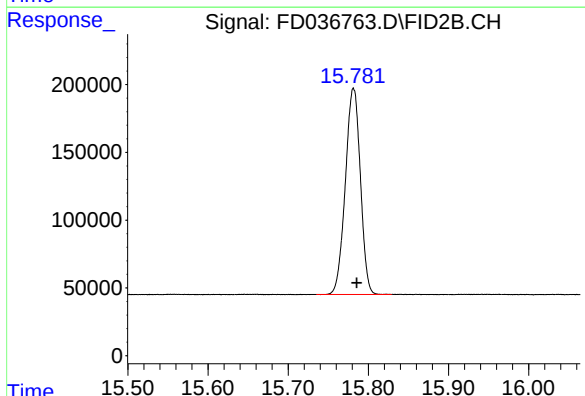
R.T.: 13.669 min
Delta R.T.: -0.006 min
Response: 2227948
Conc: 16.38 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



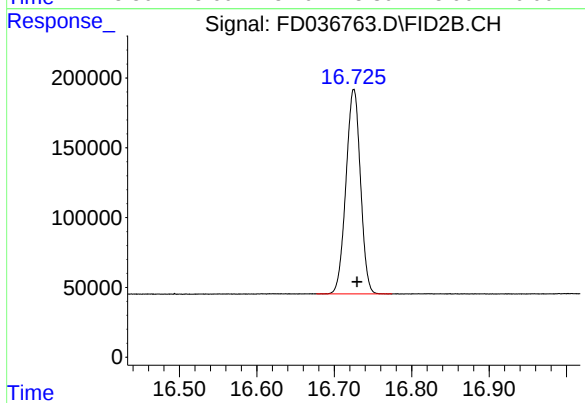
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.005 min
Response: 2105200
Conc: 15.88 ug/ml



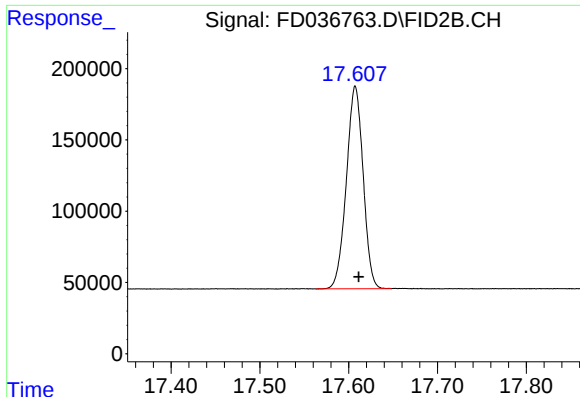
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.004 min
Response: 1981494
Conc: 15.65 ug/ml



#16 n-Octacosane (C28)

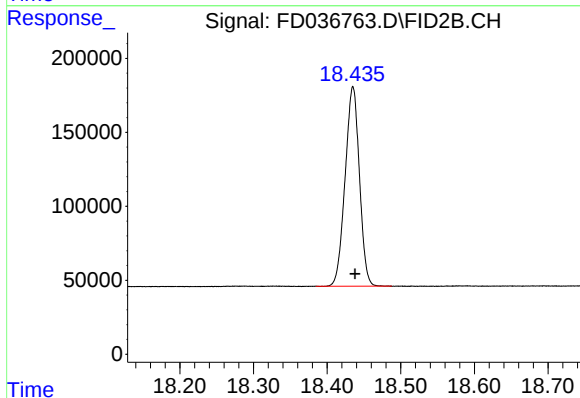
R.T.: 16.725 min
Delta R.T.: -0.004 min
Response: 1907501
Conc: 15.82 ug/ml



#17 n-Tricontane (C30)

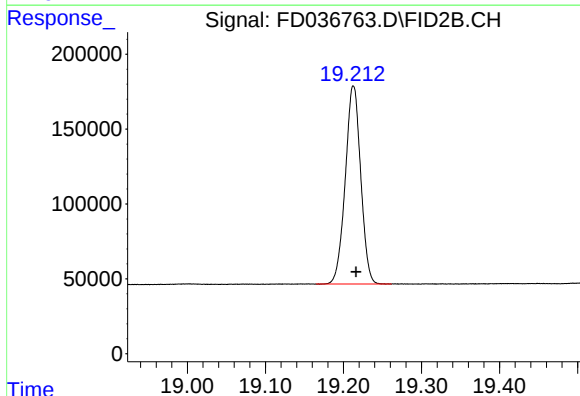
R.T.: 17.607 min
Delta R.T.: -0.004 min
Response: 1863782
Conc: 16.22 ug/ml

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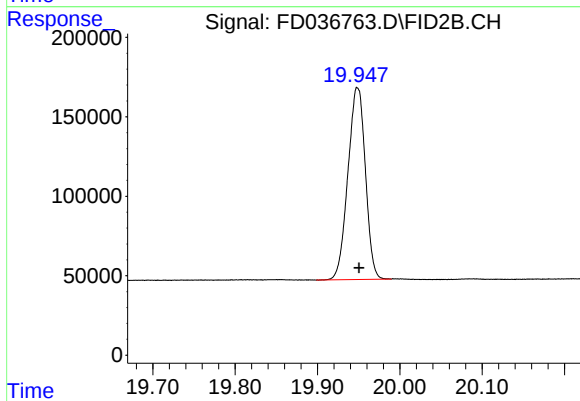
#18 n-Dotriacontane (C32)

R.T.: 18.435 min
Delta R.T.: -0.003 min
Response: 1823686
Conc: 16.58 ug/ml



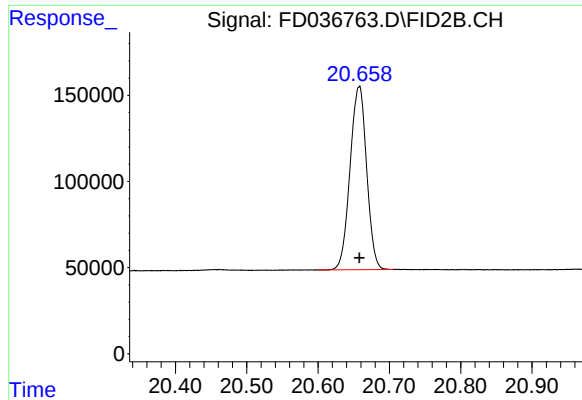
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min
Delta R.T.: -0.004 min
Response: 1818965
Conc: 17.71 ug/ml



#20 n-Hexatriacontane (C36)

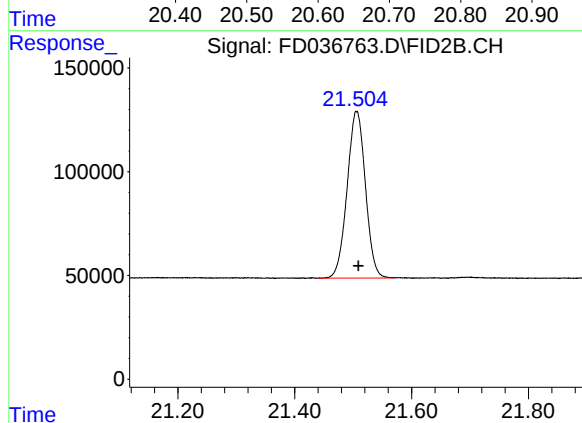
R.T.: 19.949 min
Delta R.T.: -0.002 min
Response: 1779186
Conc: 18.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.658 min
Delta R.T.: 0.000 min
Response: 1719046
Conc: 18.59 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.506 min
Delta R.T.: -0.003 min
Response: 1745468
Conc: 17.31 ug/ml