

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100821AL\
 Data File : FD039041.D
 Signal(s) : FID2B.CH
 Acq On : 08 Oct 2021 9:58
 Operator : AJ\MA
 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 09 02:20:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.675	2640358	18.603 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
12) S 1-chlorooctadecane (S...	13.099	2065763	18.371 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
Target Compounds			
1) T n-Nonane (C9)	3.436	2433989	19.296 ug/ml
2) T n-Decane (C10)	4.506	2482454	19.451 ug/ml
3) T A~Naphthalene (C11.7)	6.098	2756555	19.358 ug/ml
4) T n-Dodecane (C12)	6.523	2485912	19.411 ug/ml
5) T A~2-methylnaphthalene...	7.153	2764016	19.308 ug/ml
6) T n-Tetradecane (C14)	8.315	2499699	19.264 ug/ml
7) T n-Hexadecane (C16)	9.912	2490680	19.097 ug/ml
8) T n-Octadecane (C18)	11.350	2517296	18.822 ug/ml
10) T n-Eicosane (C20)	12.655	2460180	18.550 ug/ml
11) T n-Heneicosane (C21)	13.265	2459693	18.369 ug/ml
13) T n-Docosane (C22)	13.849	2414736	18.204 ug/ml
14) T n-Tetracosane (C24)	14.948	2373431	17.912 ug/ml
15) T n-Hexacosane (C26)	15.965	2280232	17.715 ug/ml
16) T n-Octacosane (C28)	16.910	2233284	17.711 ug/ml
17) T n-Tricontane (C30)	17.794	2221454	18.213 ug/ml
18) T n-Dotriacontane (C32)	18.624	2169034	18.709 ug/ml
19) T n-Tetratriacontane (C34)	19.404	2136049	19.788 ug/ml
20) T n-Hexatriacontane (C36)	20.140	2060247	21.055 ug/ml
21) T n-Octatriacontane (C38)	20.880	2029052	22.602 ug/ml
22) T n-Tetracontane (C40)	21.805	2082490	23.640 ug/ml

(f)=RT Delta > 1/2 Window

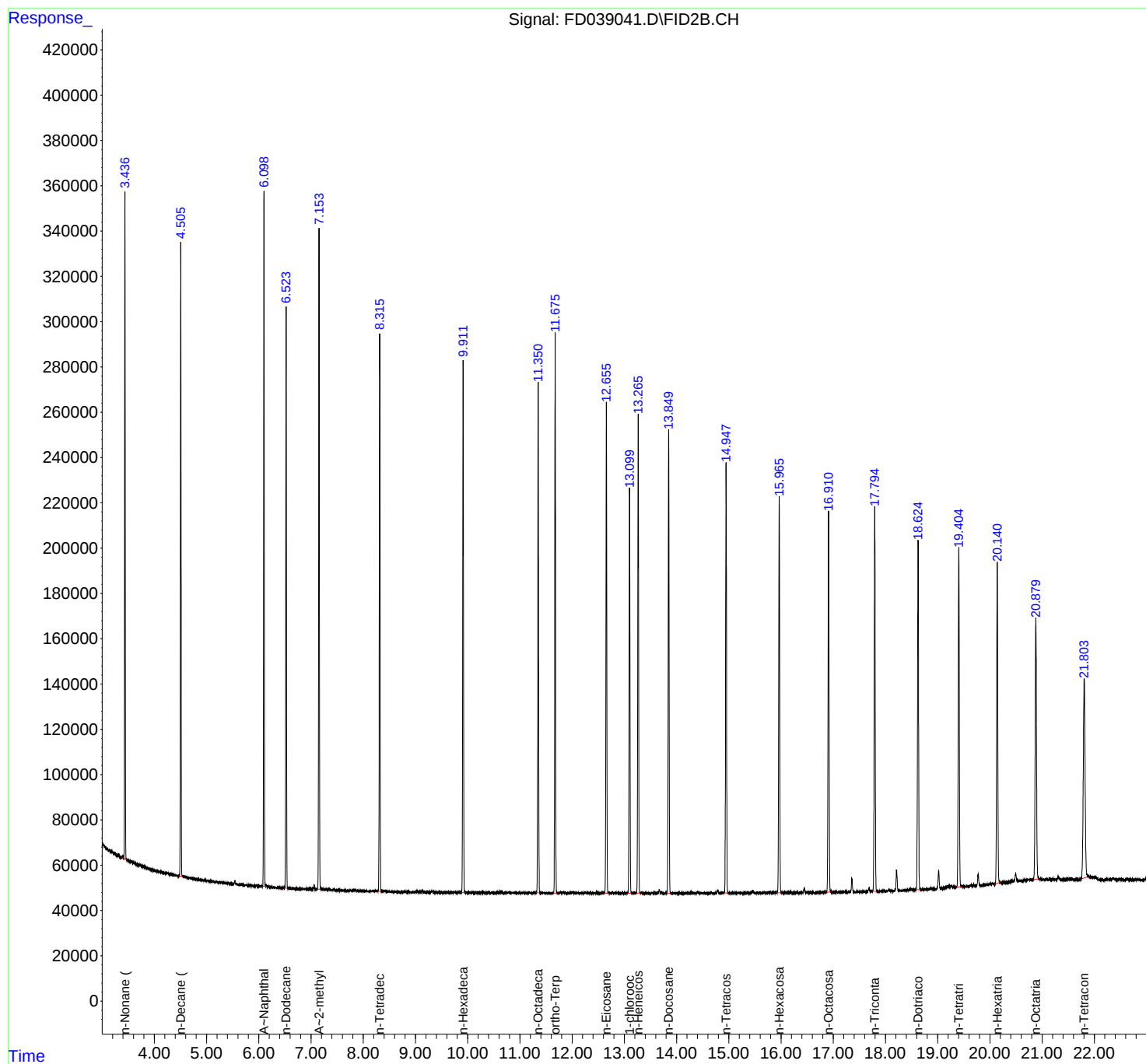
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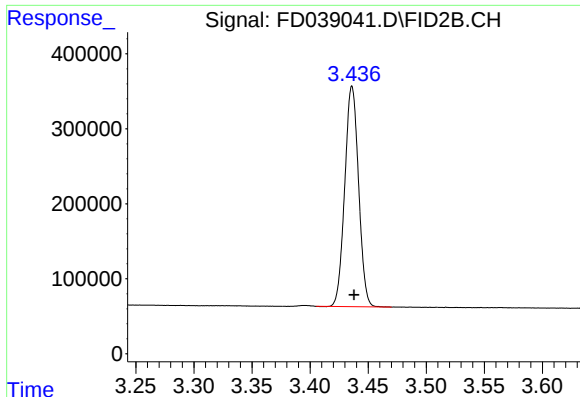
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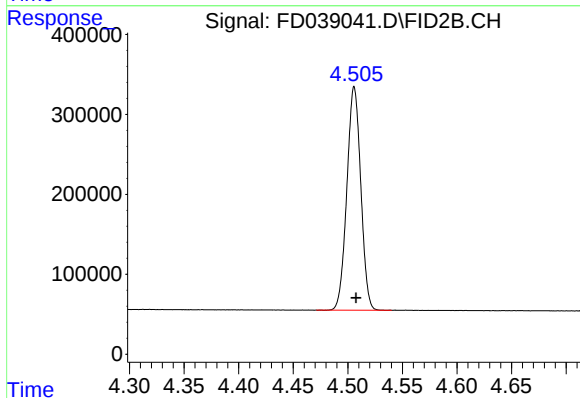




#1 n-Nonane (C9)

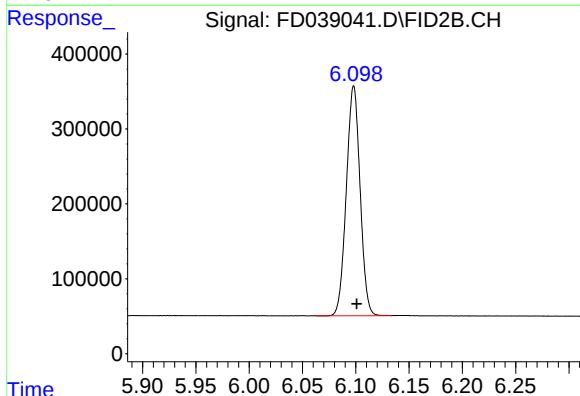
R.T.: 3.436 min
Delta R.T.: -0.002 min
Response: 2433989
Conc: 19.30 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



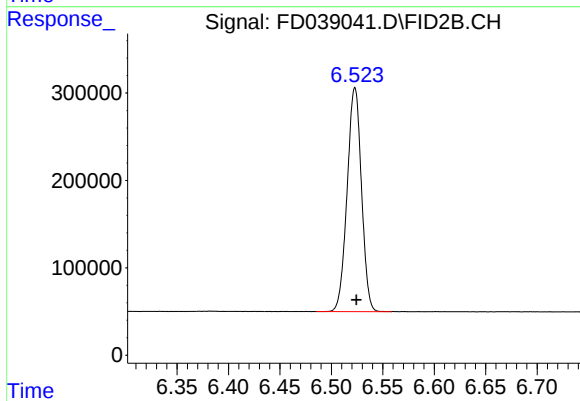
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.002 min
Response: 2482454
Conc: 19.45 ug/ml



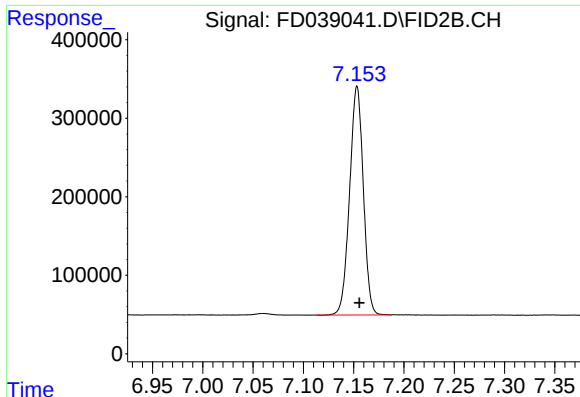
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 2756555
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

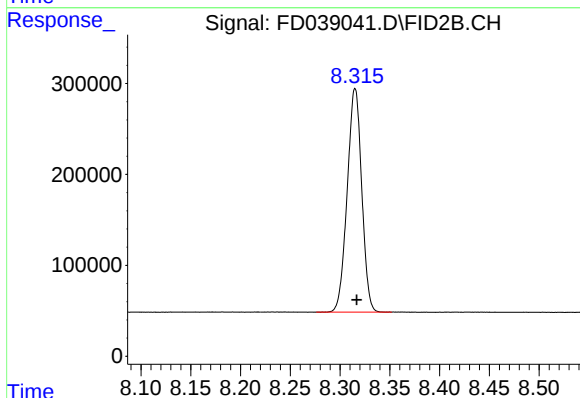
R.T.: 6.523 min
Delta R.T.: -0.001 min
Response: 2485912
Conc: 19.41 ug/ml



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

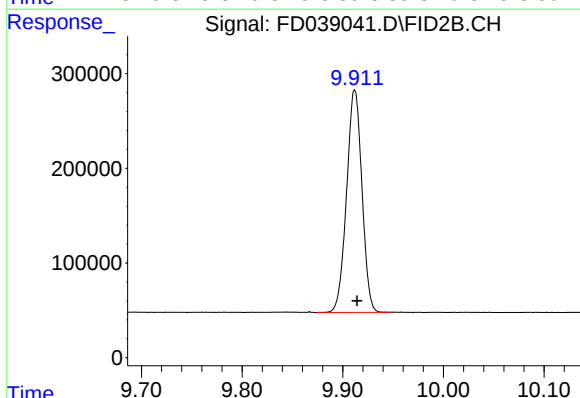
R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 2764016
Conc: 19.31 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



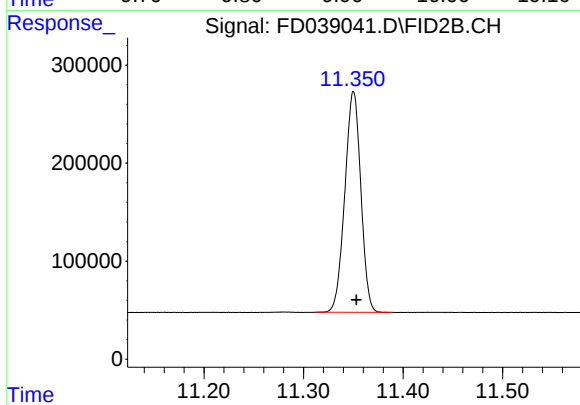
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: -0.002 min
Response: 2499699
Conc: 19.26 ug/ml



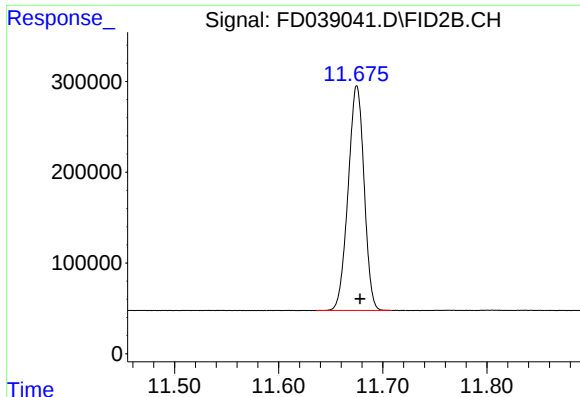
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.002 min
Response: 2490680
Conc: 19.10 ug/ml



#8 n-Octadecane (C18)

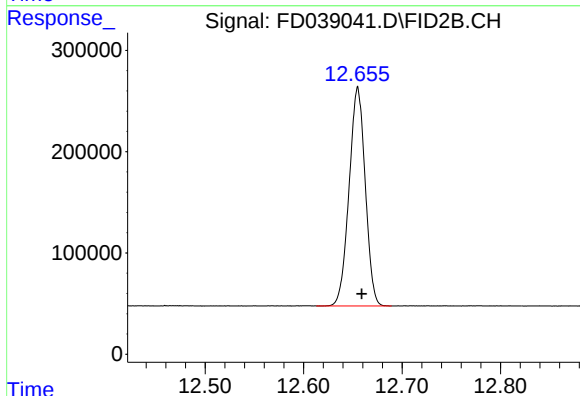
R.T.: 11.350 min
Delta R.T.: -0.003 min
Response: 2517296
Conc: 18.82 ug/ml



#9 ortho-Terphenyl (SURR)

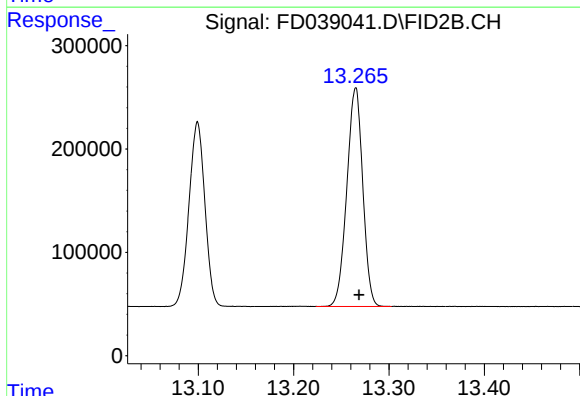
R.T.: 11.675 min
Delta R.T.: -0.003 min
Response: 2640358
Conc: 18.60 ug/ml

Instrument :
FID_D
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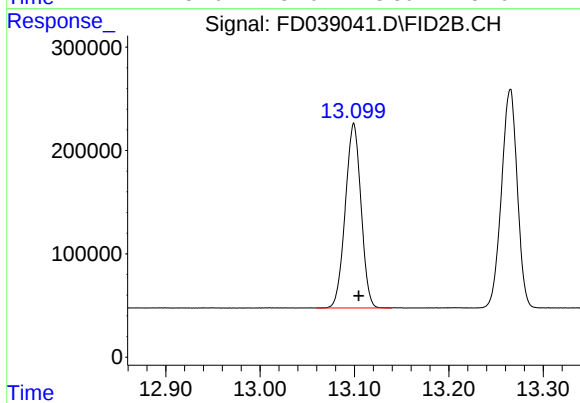
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.004 min
Response: 2460180
Conc: 18.55 ug/ml



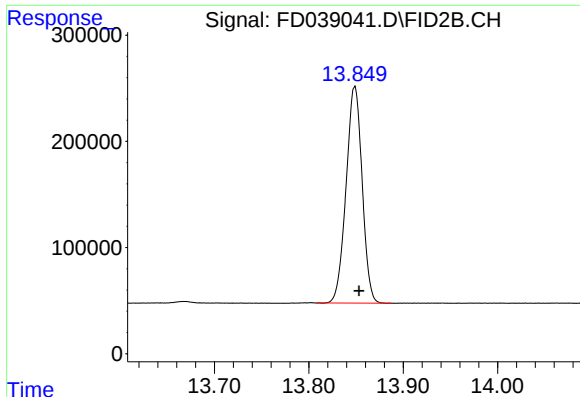
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: -0.004 min
Response: 2459693
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

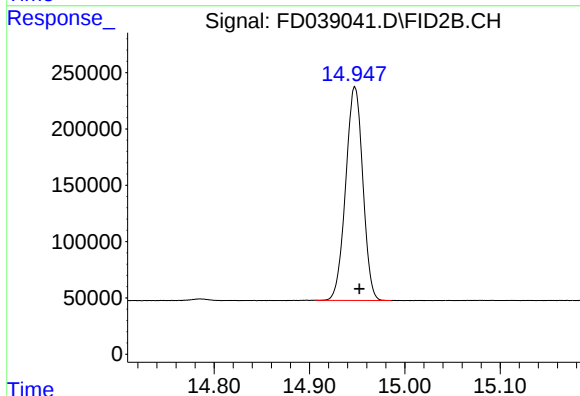
R.T.: 13.099 min
Delta R.T.: -0.005 min
Response: 2065763
Conc: 18.37 ug/ml



#13 n-Docosane (C22)

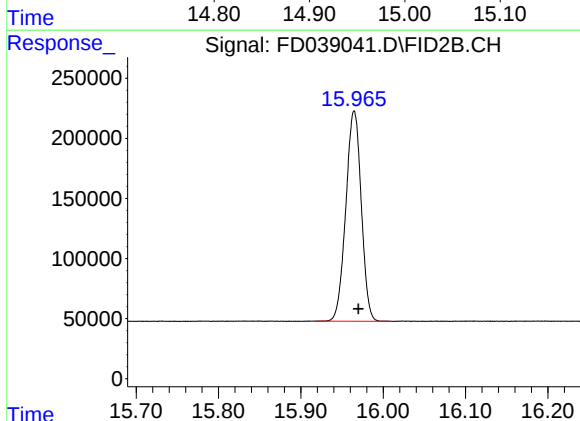
R.T.: 13.849 min
Delta R.T.: -0.005 min
Response: 2414736
Conc: 18.20 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



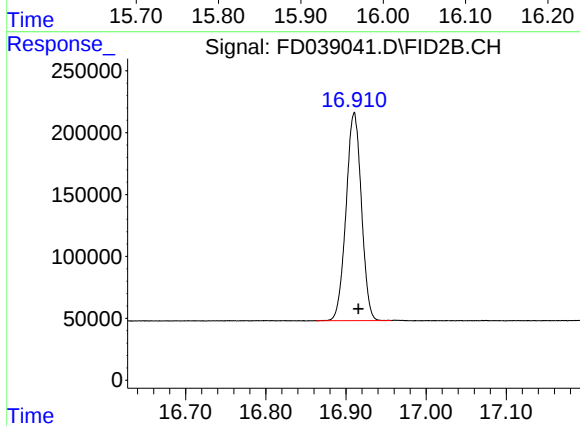
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: -0.005 min
Response: 2373431
Conc: 17.91 ug/ml



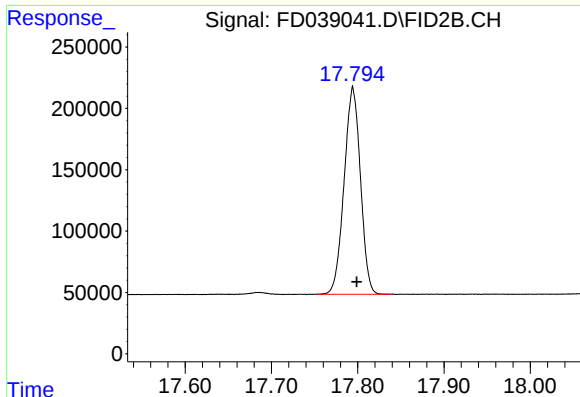
#15 n-Hexacosane (C26)

R.T.: 15.965 min
Delta R.T.: -0.005 min
Response: 2280232
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

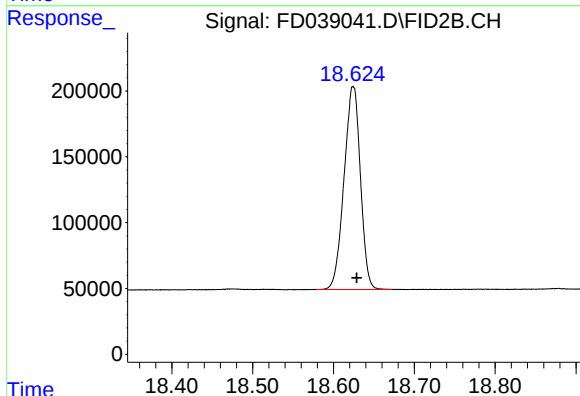
R.T.: 16.910 min
Delta R.T.: -0.005 min
Response: 2233284
Conc: 17.71 ug/ml



#17 n-Tricontane (C30)

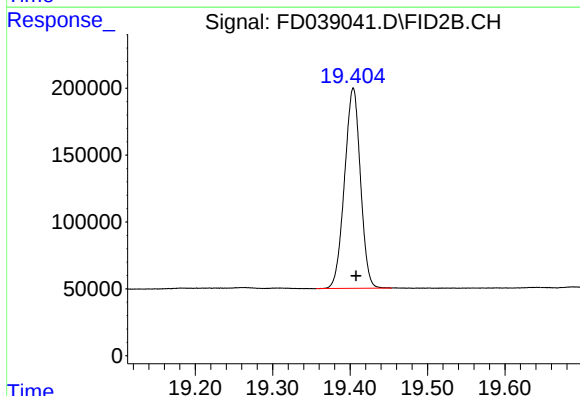
R.T.: 17.794 min
Delta R.T.: -0.004 min
Response: 2221454
Conc: 18.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



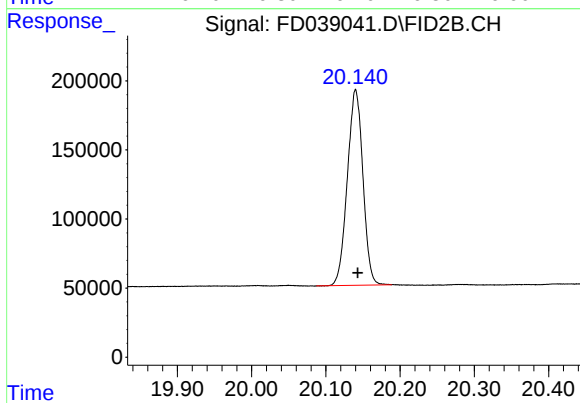
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.004 min
Response: 2169034
Conc: 18.71 ug/ml



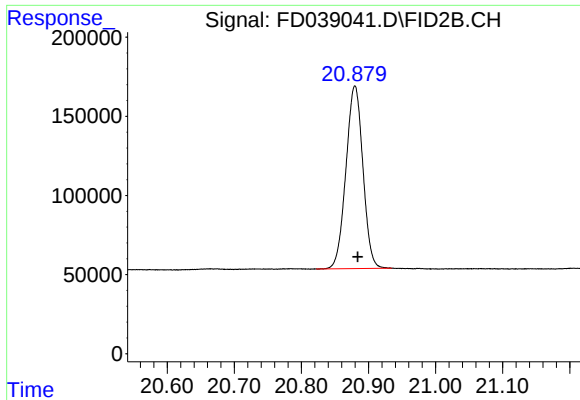
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min
Delta R.T.: -0.004 min
Response: 2136049
Conc: 19.79 ug/ml



#20 n-Hexatriacontane (C36)

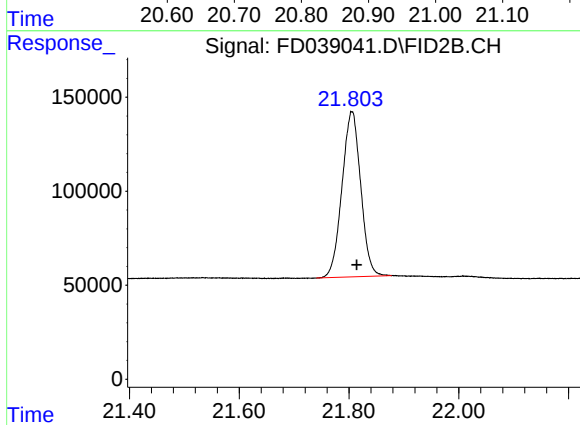
R.T.: 20.140 min
Delta R.T.: -0.003 min
Response: 2060247
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.880 min
Delta R.T.: -0.005 min
Response: 2029052
Conc: 22.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.805 min
Delta R.T.: -0.008 min
Response: 2082490
Conc: 23.64 ug/ml