

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040341.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 14:17
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 03 08:17:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.688	2876233	18.463 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
12) S 1-chlorooctadecane (S...	12.124	2189819	18.158 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
Target Compounds			
1) T n-Nonane (C9)	2.624	2581578	19.672 ug/ml
2) T n-Decane (C10)	3.615	2612864	19.740 ug/ml
3) T A~Naphthalene (C11.7)	5.153	2860495	19.386 ug/ml
4) T n-Dodecane (C12)	5.587	2632258	19.820 ug/ml
5) T A~2-methylnaphthalene...	6.194	2856760	19.252 ug/ml
6) T n-Tetradecane (C14)	7.364	2683698	19.412 ug/ml
7) T n-Hexadecane (C16)	8.951	2672637	19.492 ug/ml
8) T n-Octadecane (C18)	10.383	2691921	19.062 ug/ml
10) T n-Eicosane (C20)	11.684	2615573	18.709 ug/ml
11) T n-Heneicosane (C21)	12.292	2599362	18.372 ug/ml
13) T n-Docosane (C22)	12.875	2558560	18.231 ug/ml
14) T n-Tetracosane (C24)	13.972	2517675	17.931 ug/ml
15) T n-Hexacosane (C26)	14.986	2397370	17.435 ug/ml
16) T n-Octacosane (C28)	15.932	2335346	17.167 ug/ml
17) T n-Tricontane (C30)	16.813	2258960	16.880 ug/ml
18) T n-Dotriacontane (C32)	17.643	2109280	16.295 ug/ml
19) T n-Tetratriacontane (C34)	18.422	1857843	15.323 ug/ml
20) T n-Hexatriacontane (C36)	19.160	1732302	16.255 ug/ml
21) T n-Octatriacontane (C38)	19.862	2423685	26.245 ug/ml
22) T n-Tetracontane (C40)	20.682	1737669	22.316 ug/ml

(f)=RT Delta > 1/2 Window

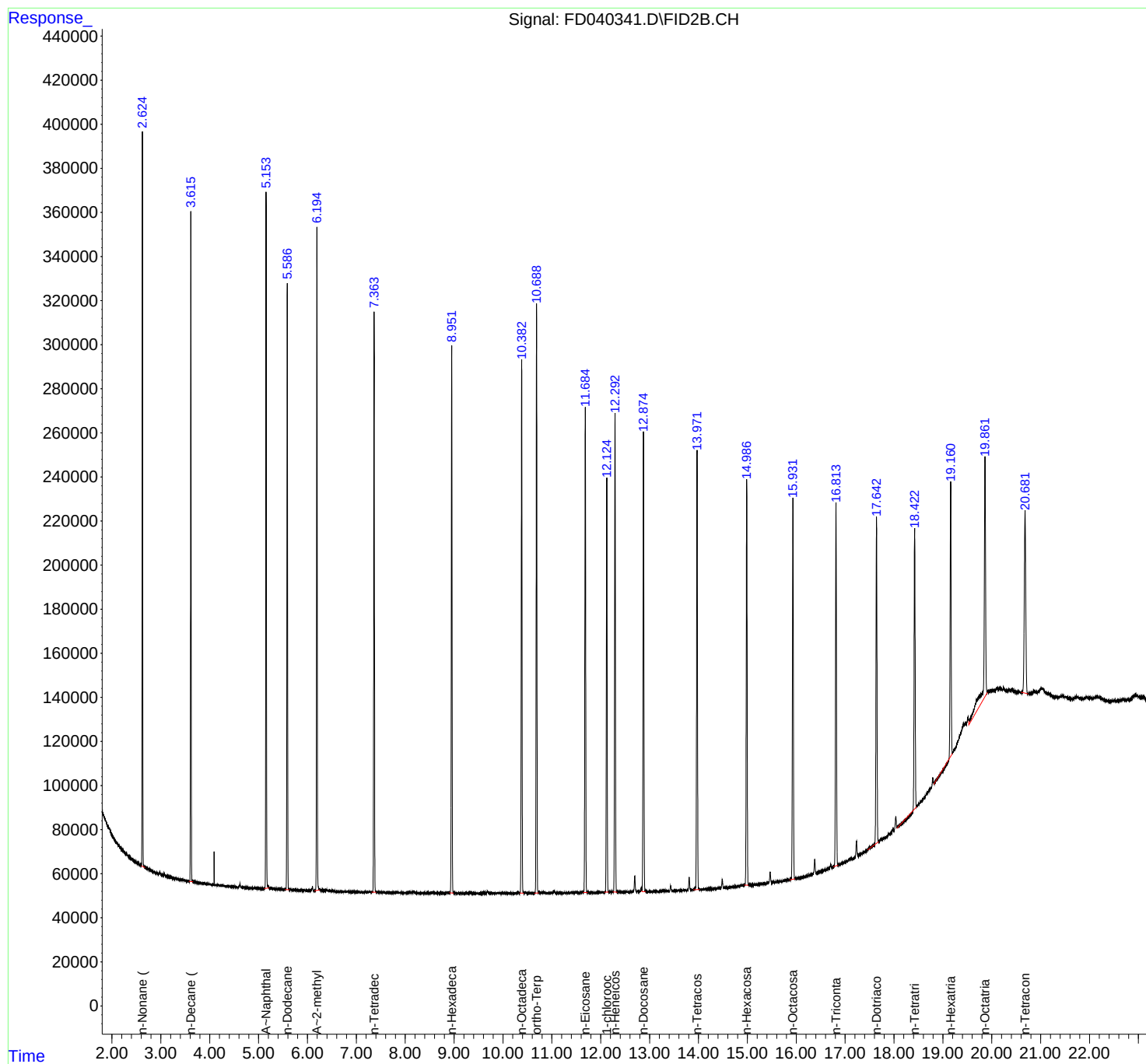
(m)=manual int.

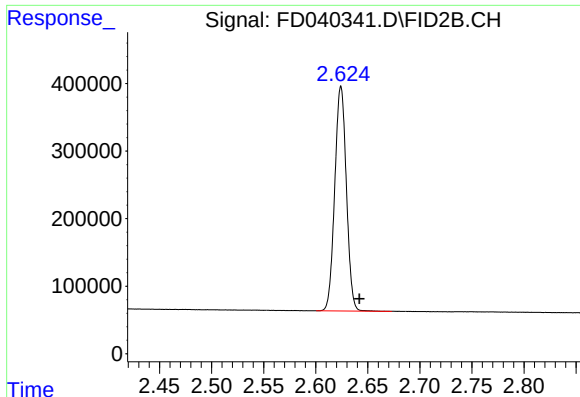
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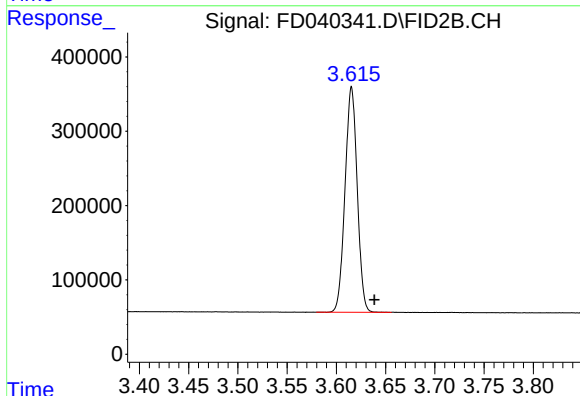




#1 n-Nonane (C9)

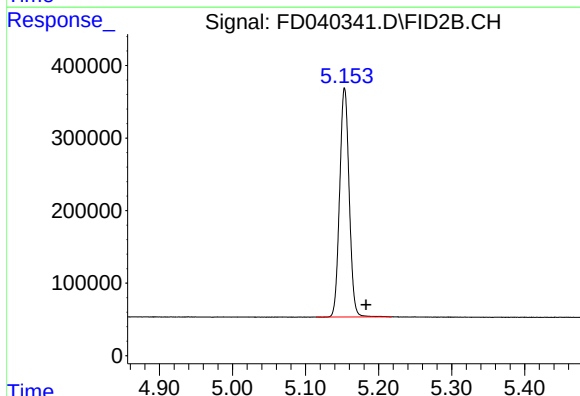
R.T.: 2.624 min
Delta R.T.: -0.018 min
Response: 2581578
Conc: 19.67 ug/ml

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20 PPM ALIPHATIC HC STD



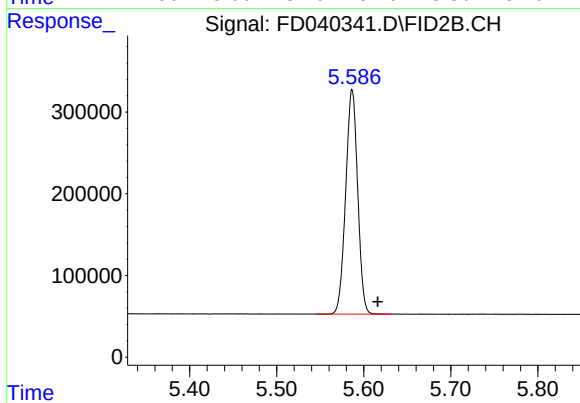
#2 n-Decane (C10)

R.T.: 3.615 min
Delta R.T.: -0.023 min
Response: 2612864
Conc: 19.74 ug/ml



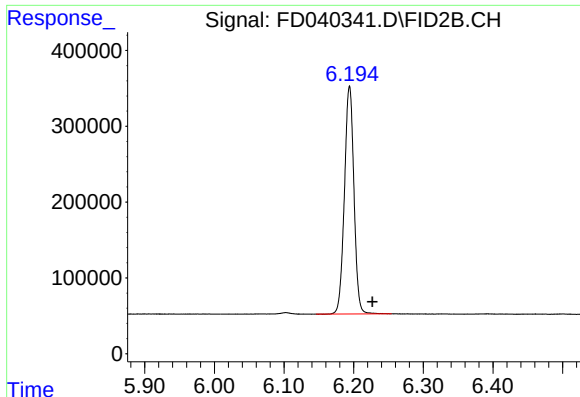
#3 A~Naphthalene (C11.7)

R.T.: 5.153 min
Delta R.T.: -0.029 min
Response: 2860495
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

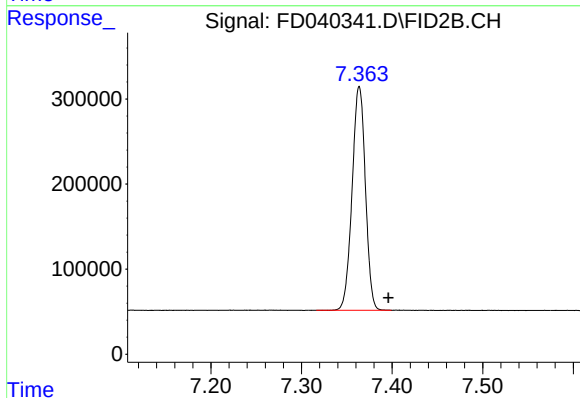
R.T.: 5.587 min
Delta R.T.: -0.029 min
Response: 2632258
Conc: 19.82 ug/ml



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

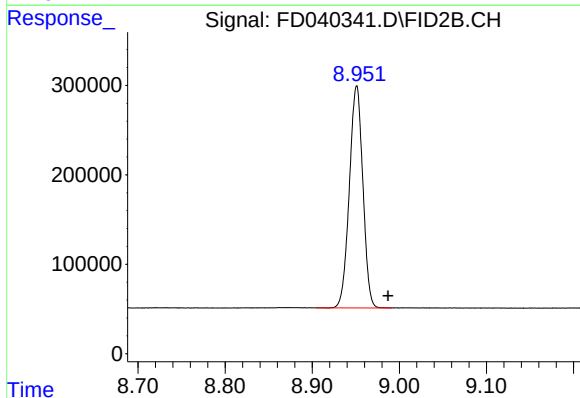
R.T.: 6.194 min
Delta R.T.: -0.033 min
Response: 2856760
Conc: 19.25 ug/ml

Instrument :
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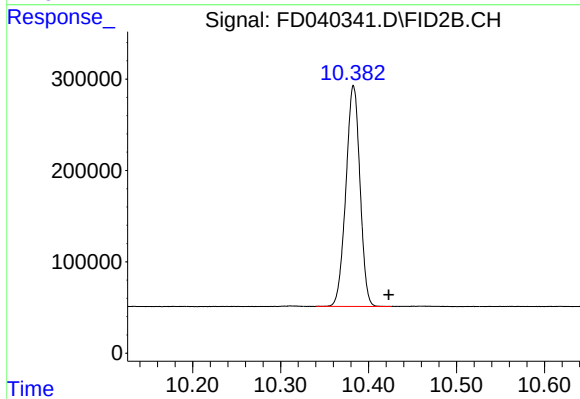
#6 n-Tetradecane (C14)

R.T.: 7.364 min
Delta R.T.: -0.032 min
Response: 2683698
Conc: 19.41 ug/ml



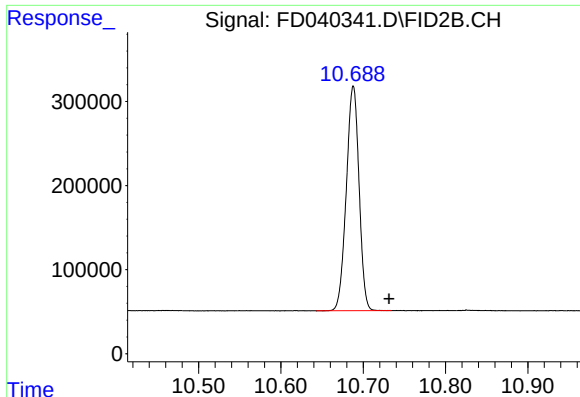
#7 n-Hexadecane (C16)

R.T.: 8.951 min
Delta R.T.: -0.036 min
Response: 2672637
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

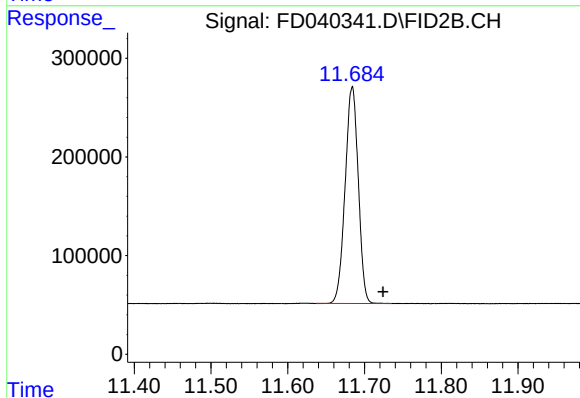
R.T.: 10.383 min
Delta R.T.: -0.040 min
Response: 2691921
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

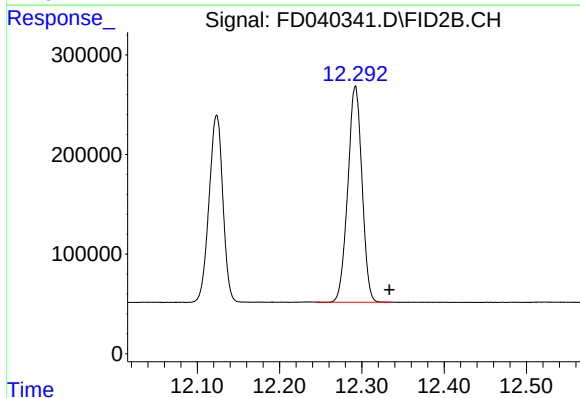
R.T.: 10.688 min
Delta R.T.: -0.043 min
Response: 2876233
Conc: 18.46 ug/ml

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20 PPM ALIPHATIC HC STD



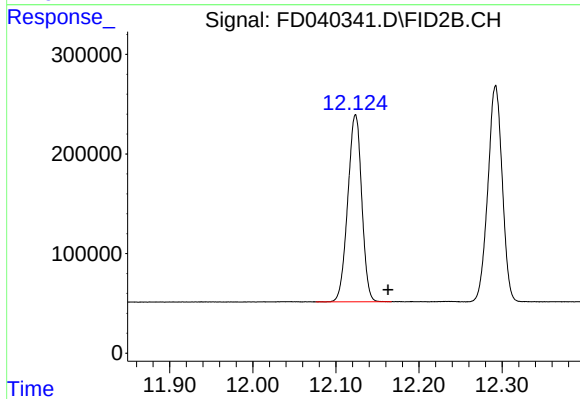
#10 n-Eicosane (C20)

R.T.: 11.684 min
Delta R.T.: -0.040 min
Response: 2615573
Conc: 18.71 ug/ml



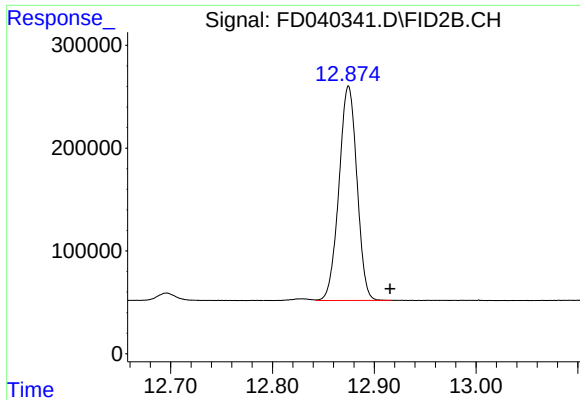
#11 n-Heneicosane (C21)

R.T.: 12.292 min
Delta R.T.: -0.042 min
Response: 2599362
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

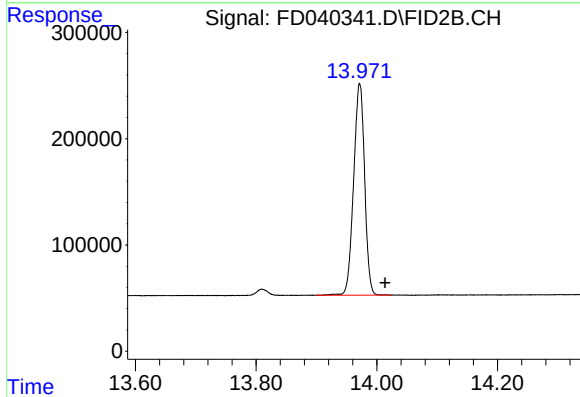
R.T.: 12.124 min
Delta R.T.: -0.039 min
Response: 2189819
Conc: 18.16 ug/ml



#13 n-Docosane (C22)

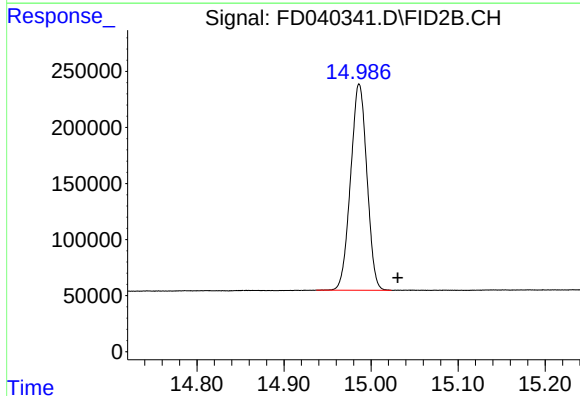
R.T.: 12.875 min
Delta R.T.: -0.041 min
Response: 2558560
Conc: 18.23 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



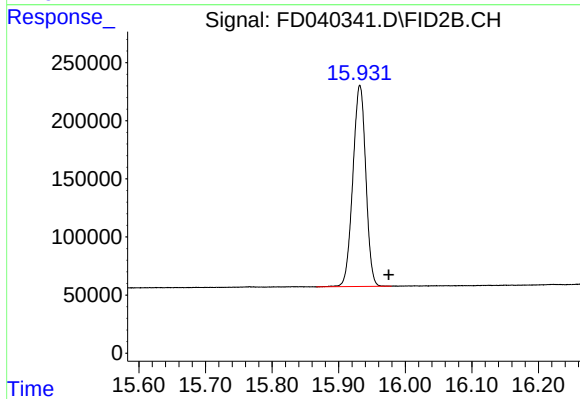
#14 n-Tetracosane (C24)

R.T.: 13.972 min
Delta R.T.: -0.042 min
Response: 2517675
Conc: 17.93 ug/ml



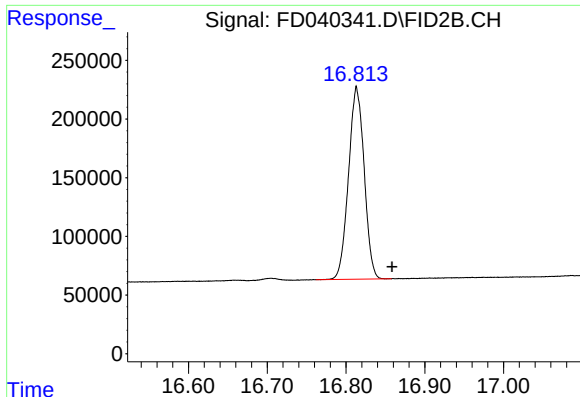
#15 n-Hexacosane (C26)

R.T.: 14.986 min
Delta R.T.: -0.044 min
Response: 2397370
Conc: 17.43 ug/ml



#16 n-Octacosane (C28)

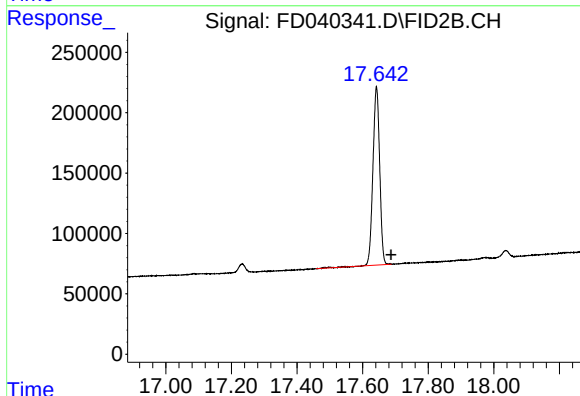
R.T.: 15.932 min
Delta R.T.: -0.043 min
Response: 2335346
Conc: 17.17 ug/ml



#17 n-Tricontane (C30)

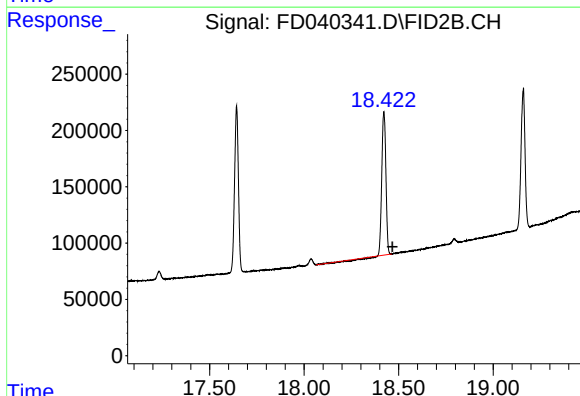
R.T.: 16.813 min
Delta R.T.: -0.045 min
Response: 2258960
Conc: 16.88 ug/ml

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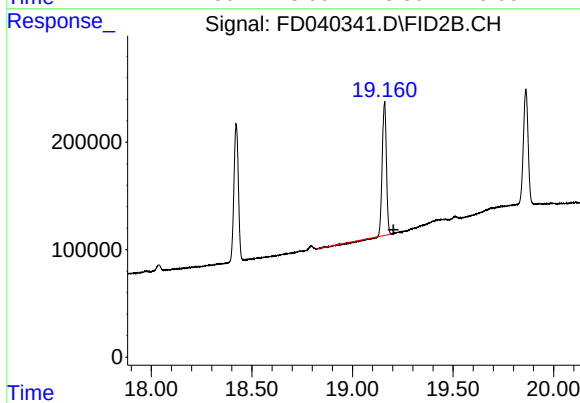
#18 n-Dotriacontane (C32)

R.T.: 17.643 min
Delta R.T.: -0.045 min
Response: 2109280
Conc: 16.29 ug/ml



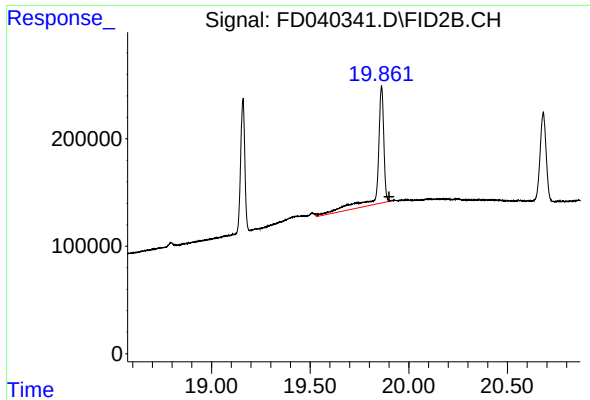
#19 n-Tetratriacontane (C34)

R.T.: 18.422 min
Delta R.T.: -0.044 min
Response: 1857843
Conc: 15.32 ug/ml



#20 n-Hexatriacontane (C36)

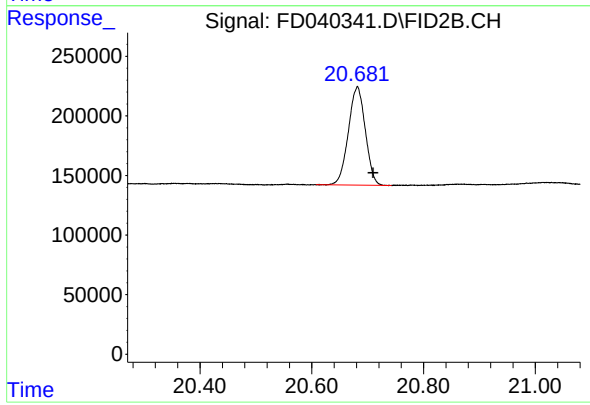
R.T.: 19.160 min
Delta R.T.: -0.044 min
Response: 1732302
Conc: 16.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.862 min
Delta R.T.: -0.038 min
Response: 2423685
Conc: 26.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.682 min
Delta R.T.: -0.028 min
Response: 1737669
Conc: 22.32 ug/ml