

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082621AL\
 Data File : FD038706.D
 Signal(s) : FID2B.CH
 Acq On : 27 Aug 2021 00:09
 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: autoint1.e
 Quant Time: Aug 27 01:38:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.352	2888569	21.161 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
12) S 1-chlorooctadecane (S...	12.790	2260984	21.026 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
Target Compounds			
1) T n-Nonane (C9)	3.184	2648393	22.559 ug/ml
2) T n-Decane (C10)	4.236	2677286	22.708 ug/ml
3) T A~Naphthalene (C11.7)	5.799	2929078	22.439 ug/ml
4) T n-Dodecane (C12)	6.237	2710865	22.830 ug/ml
5) T A~2-methylnaphthalene...	6.849	2945618	22.510 ug/ml
6) T n-Tetradecane (C14)	8.021	2754036	22.660 ug/ml
7) T n-Hexadecane (C16)	9.613	2768243	22.650 ug/ml
8) T n-Octadecane (C18)	11.046	2816768	22.373 ug/ml
10) T n-Eicosane (C20)	12.348	2740336	21.739 ug/ml
11) T n-Heneicosane (C21)	12.958	2729604	21.383 ug/ml
13) T n-Docosane (C22)	13.541	2654694	20.853 ug/ml
14) T n-Tetracosane (C24)	14.638	2573844	20.009 ug/ml
15) T n-Hexacosane (C26)	15.653	2433233	19.107 ug/ml
16) T n-Octacosane (C28)	16.598	2333661	18.291 ug/ml
17) T n-Tricontane (C30)	17.481	2254437	17.794 ug/ml
18) T n-Dotriacontane (C32)	18.309	2184455	17.778 ug/ml
19) T n-Tetratriacontane (C34)	19.088	2170012	18.182 ug/ml
20) T n-Hexatriacontane (C36)	19.823	2116131	18.987 ug/ml
21) T n-Octatriacontane (C38)	20.523	2073090	20.053 ug/ml
22) T n-Tetracontane (C40)	21.326	2122351	21.145 ug/ml

(f)=RT Delta > 1/2 Window

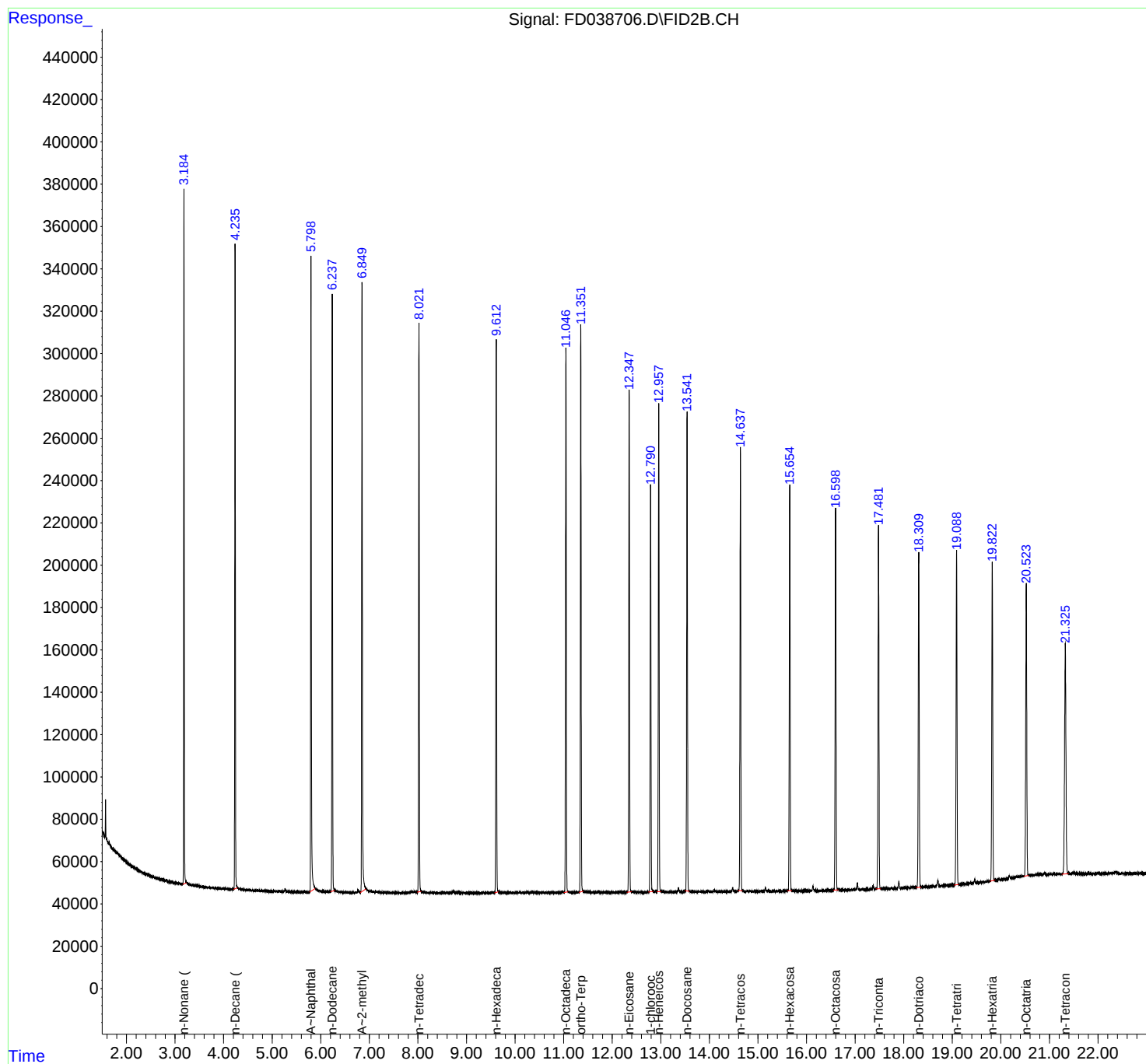
(m)=manual int.

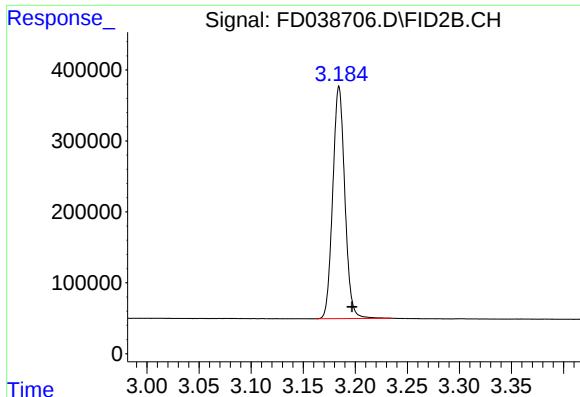
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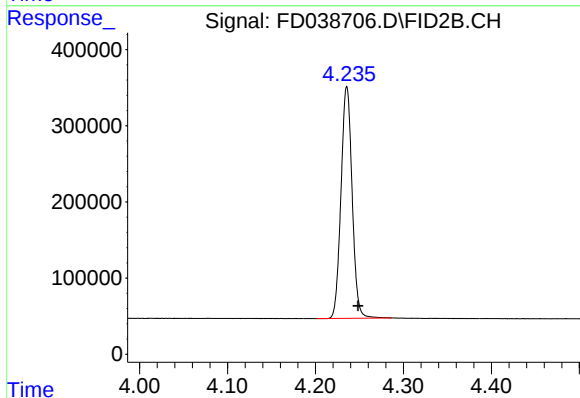




#1 n-Nonane (C9)

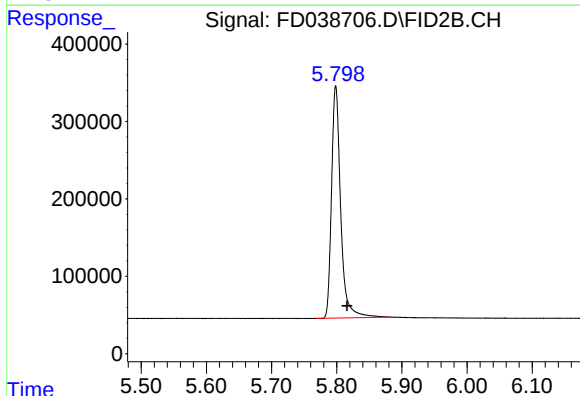
R.T.: 3.184 min
Delta R.T.: -0.013 min
Response: 2648393
Conc: 22.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



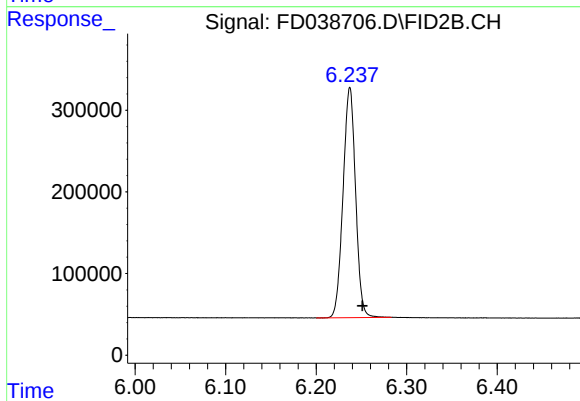
#2 n-Decane (C10)

R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 2677286
Conc: 22.71 ug/ml



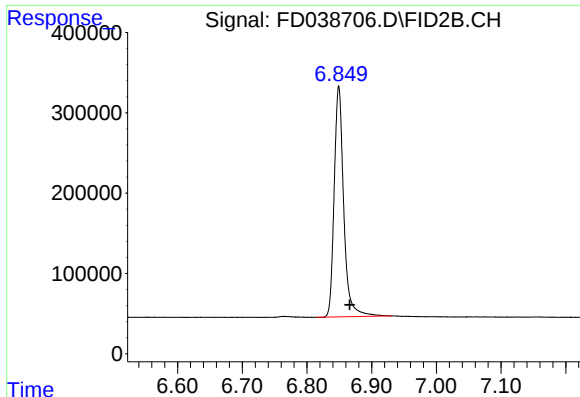
#3 A~Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.017 min
Response: 2929078
Conc: 22.44 ug/ml



#4 n-Dodecane (C12)

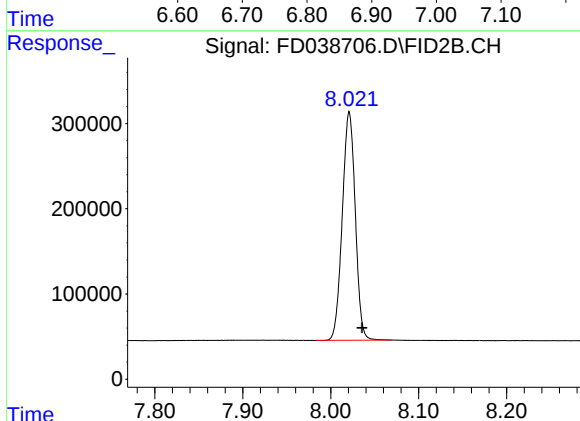
R.T.: 6.237 min
Delta R.T.: -0.014 min
Response: 2710865
Conc: 22.83 ug/ml



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

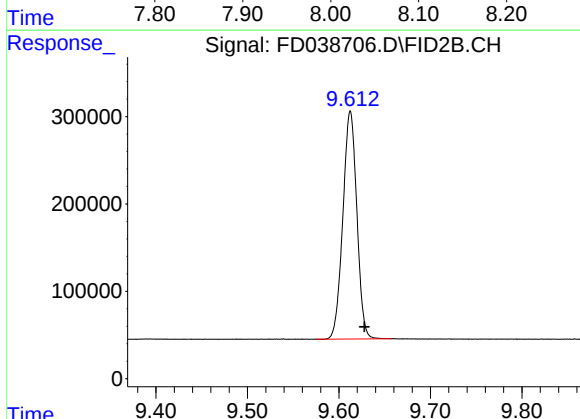
R.T.: 6.849 min
Delta R.T.: -0.017 min
Response: 2945618
Conc: 22.51 ug/ml

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20 PPM ALIPHATIC HC STD



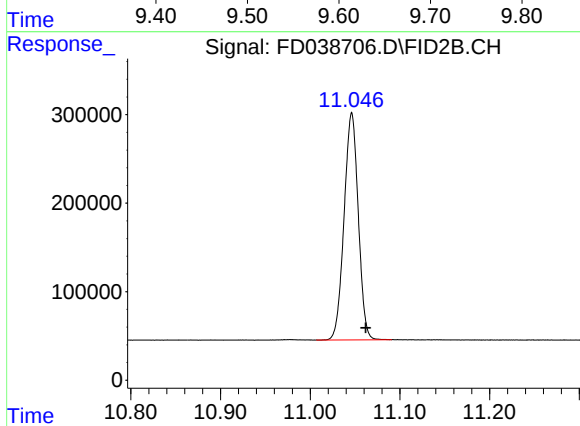
#6 n-Tetradecane (C14)

R.T.: 8.021 min
Delta R.T.: -0.015 min
Response: 2754036
Conc: 22.66 ug/ml



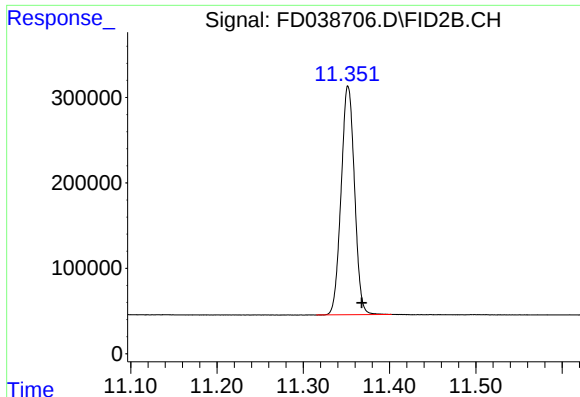
#7 n-Hexadecane (C16)

R.T.: 9.613 min
Delta R.T.: -0.015 min
Response: 2768243
Conc: 22.65 ug/ml



#8 n-Octadecane (C18)

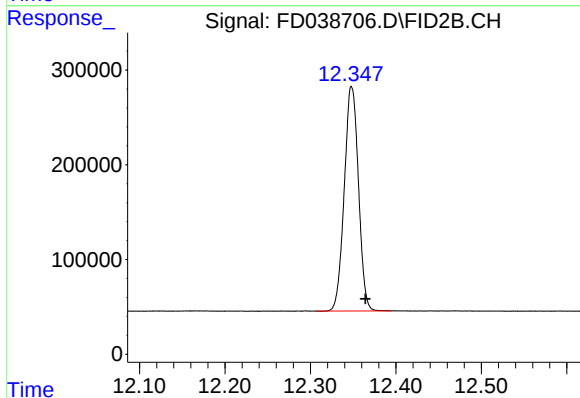
R.T.: 11.046 min
Delta R.T.: -0.015 min
Response: 2816768
Conc: 22.37 ug/ml



#9 ortho-Terphenyl (SURR)

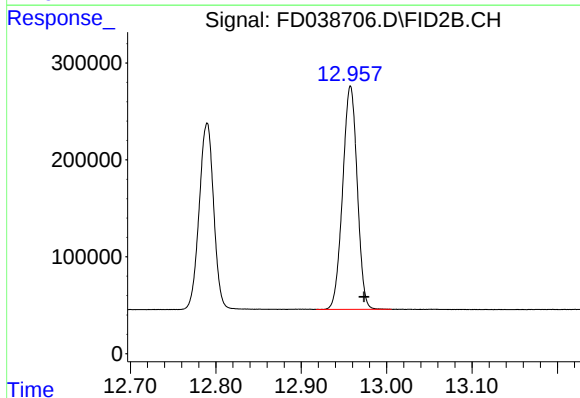
R.T.: 11.352 min
Delta R.T.: -0.016 min
Response: 2888569
Conc: 21.16 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



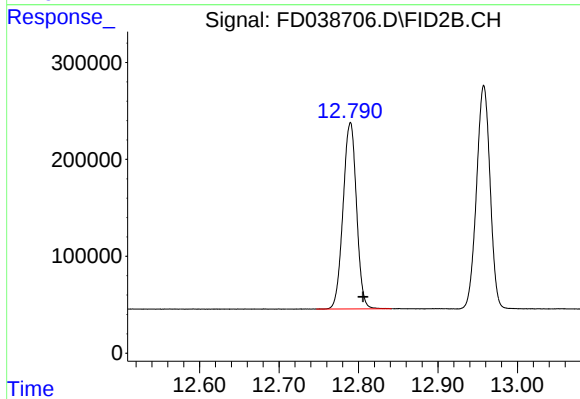
#10 n-Eicosane (C20)

R.T.: 12.348 min
Delta R.T.: -0.016 min
Response: 2740336
Conc: 21.74 ug/ml



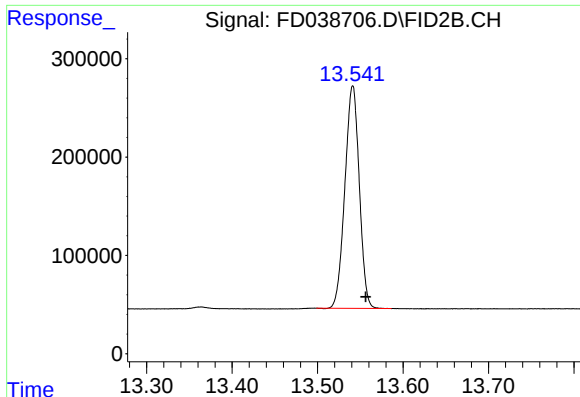
#11 n-Heneicosane (C21)

R.T.: 12.958 min
Delta R.T.: -0.016 min
Response: 2729604
Conc: 21.38 ug/ml



#12 1-chlorooctadecane (SURR)

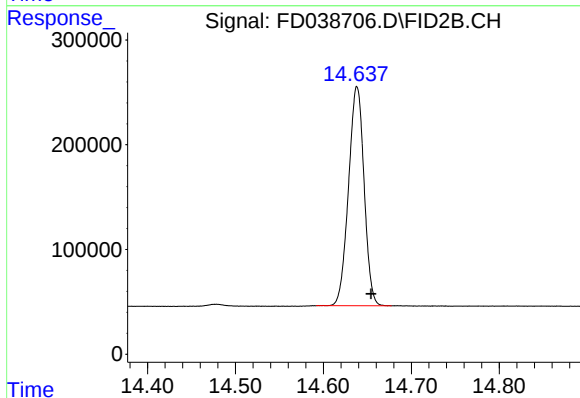
R.T.: 12.790 min
Delta R.T.: -0.016 min
Response: 2260984
Conc: 21.03 ug/ml



#13 n-Docosane (C22)

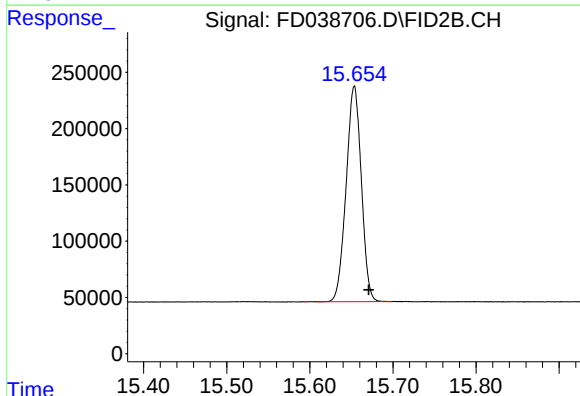
R.T.: 13.541 min
Delta R.T.: -0.015 min
Response: 2654694
Conc: 20.85 ug/ml

Instrument :
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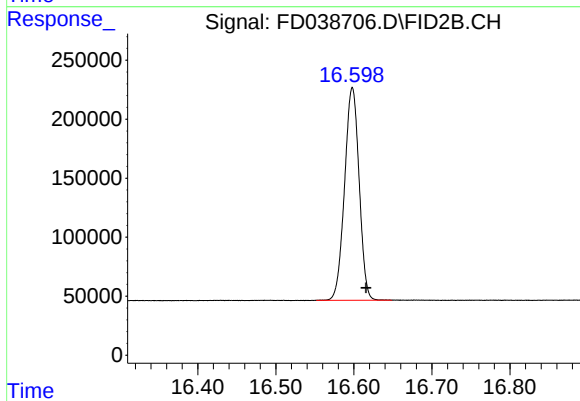
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: -0.016 min
Response: 2573844
Conc: 20.01 ug/ml



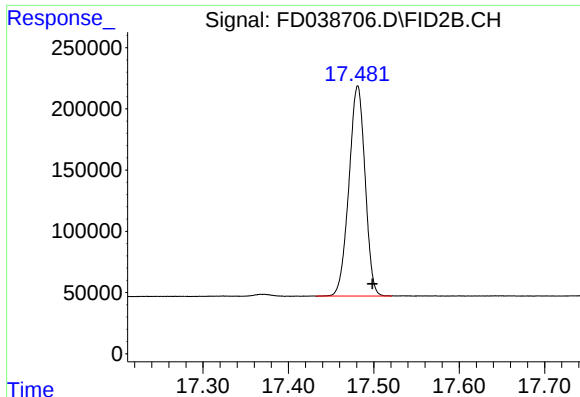
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: -0.017 min
Response: 2433233
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

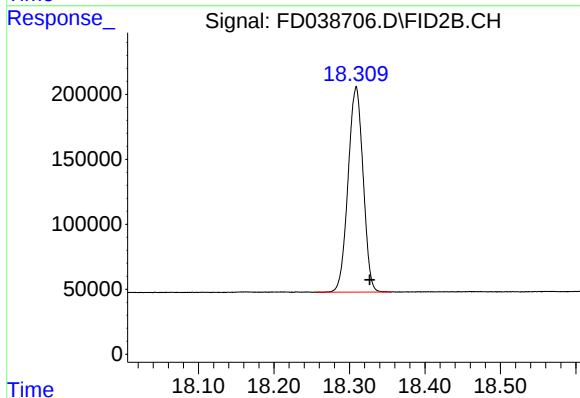
R.T.: 16.598 min
Delta R.T.: -0.018 min
Response: 2333661
Conc: 18.29 ug/ml



#17 n-Tricontane (C30)

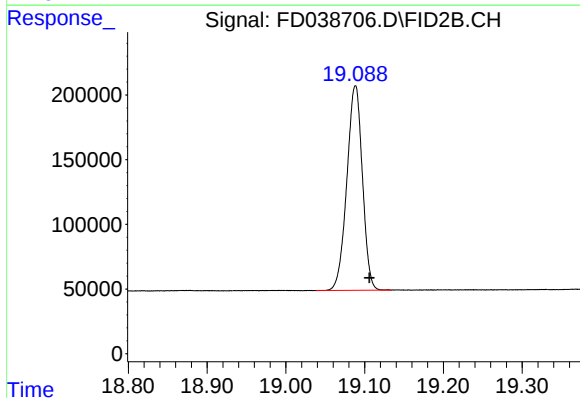
R.T.: 17.481 min
Delta R.T.: -0.017 min
Response: 2254437
Conc: 17.79 ug/ml

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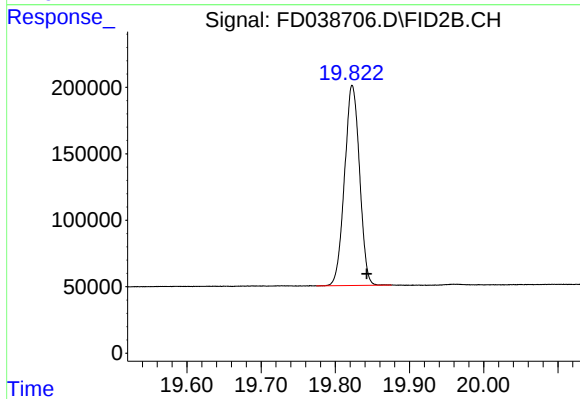
#18 n-Dotriacontane (C32)

R.T.: 18.309 min
Delta R.T.: -0.018 min
Response: 2184455
Conc: 17.78 ug/ml



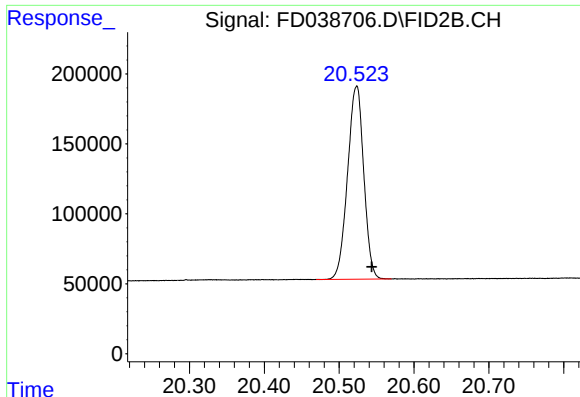
#19 n-Tetratriacontane (C34)

R.T.: 19.088 min
Delta R.T.: -0.017 min
Response: 2170012
Conc: 18.18 ug/ml



#20 n-Hexatriacontane (C36)

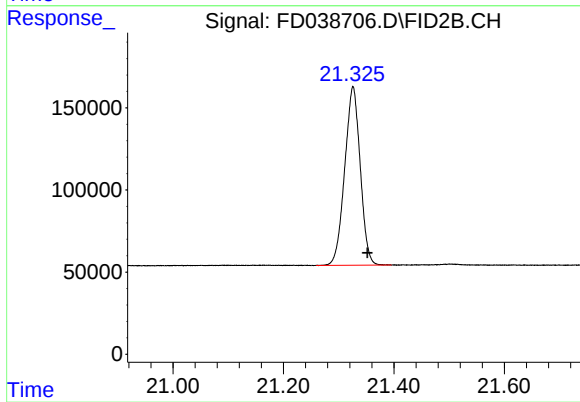
R.T.: 19.823 min
Delta R.T.: -0.020 min
Response: 2116131
Conc: 18.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.523 min
Delta R.T.: -0.020 min
Response: 2073090
Conc: 20.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.326 min
Delta R.T.: -0.026 min
Response: 2122351
Conc: 21.15 ug/ml