

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050522AL\
 Data File : FD042336.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2022 7:43
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 06 08:24:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 2022
 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)	11.210	3269054	19.493 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
12) S 1-chlorooctadecane (S...	12.647	2544159	19.280 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
Target Compounds			
1) T n-Nonane (C9)	3.085	2878496	21.118 ug/ml
2) T n-Decane (C10)	4.129	2866507	21.390 ug/ml
3) T A~Naphthalene (C11.7)	5.679	3014508	20.796 ug/ml
4) T n-Dodecane (C12)	6.122	2965179	20.828 ug/ml
5) T A~2-methylnaphthalene...	6.724	2989773	21.455 ug/ml
6) T n-Tetradecane (C14)	7.897	2979518	20.917 ug/ml
7) T n-Hexadecane (C16)	9.482	2989911	20.575 ug/ml
8) T n-Octadecane (C18)	10.912	3003636	20.041 ug/ml
10) T n-Eicosane (C20)	12.210	2976707	19.448 ug/ml
11) T n-Heneicosane (C21)	12.817	2968002	19.252 ug/ml
13) T n-Docosane (C22)	13.399	2963239	19.224 ug/ml
14) T n-Tetracosane (C24)	14.495	2941726	19.021 ug/ml
15) T n-Hexacosane (C26)	15.508	2868764	18.650 ug/ml
16) T n-Octacosane (C28)	16.451	2819971	18.444 ug/ml
17) T n-Tricontane (C30)	17.333	2742214	18.282 ug/ml
18) T n-Dotriacontane (C32)	18.160	2585023	18.282 ug/ml
19) T n-Tetratriacontane (C34)	18.939	2403292	18.675 ug/ml
20) T n-Hexatriacontane (C36)	19.675	2256820	19.943 ug/ml
21) T n-Octatriacontane (C38)	20.371	2194184	21.991 ug/ml
22) T n-Tetracontane (C40)	21.143	2222108	24.636 ug/ml

(f)=RT Delta > 1/2 Window

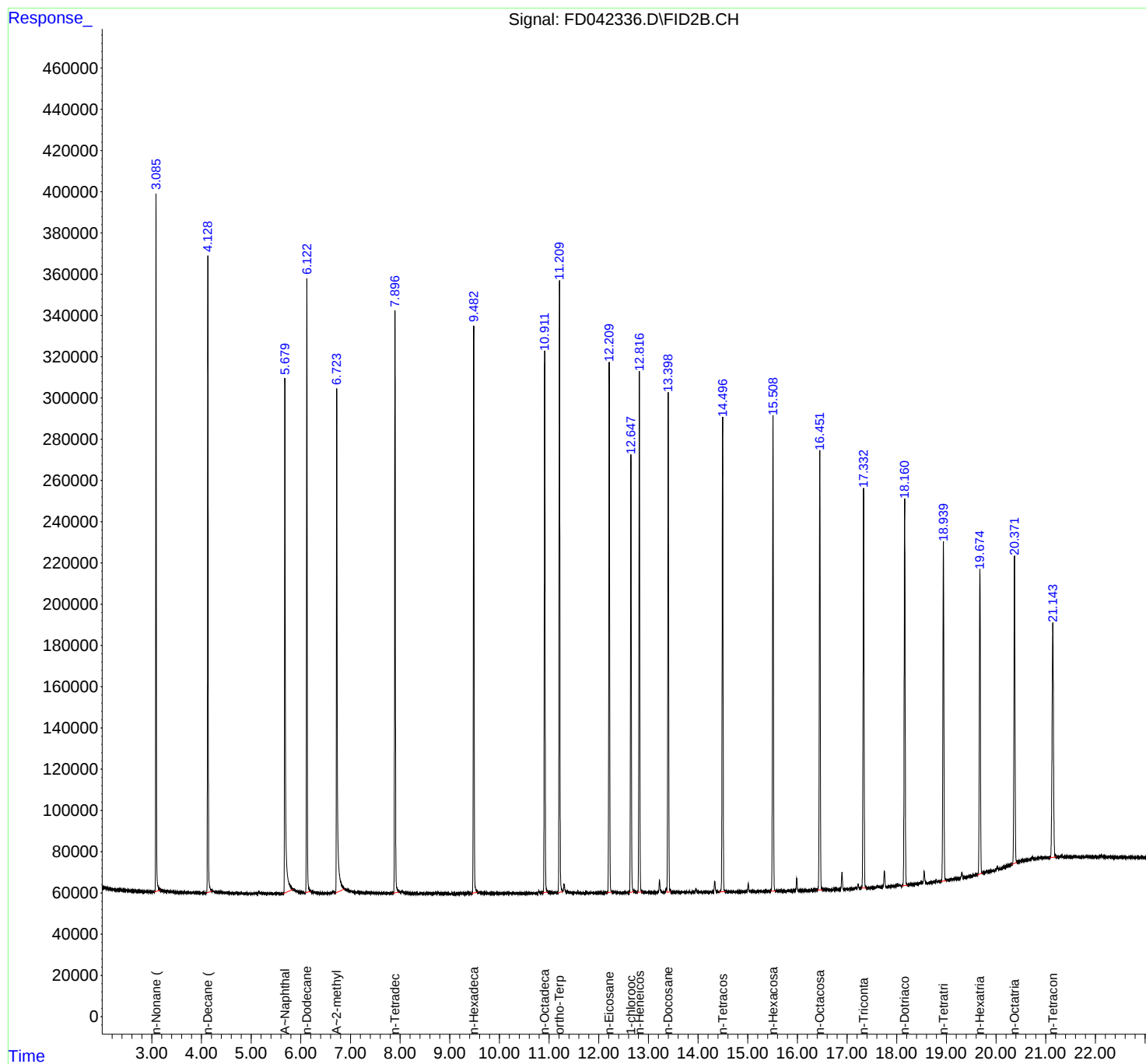
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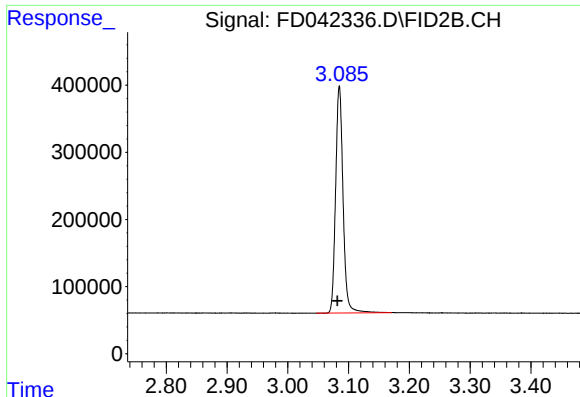
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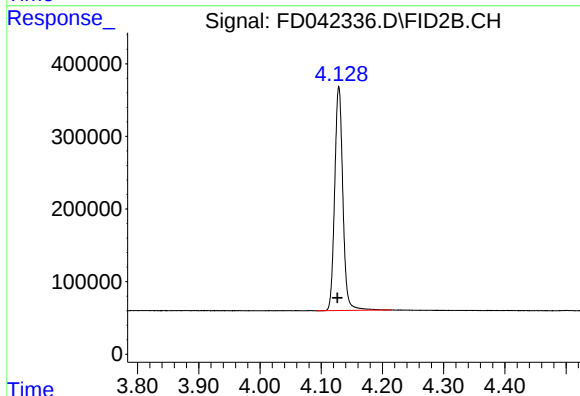




#1 n-Nonane (C9)

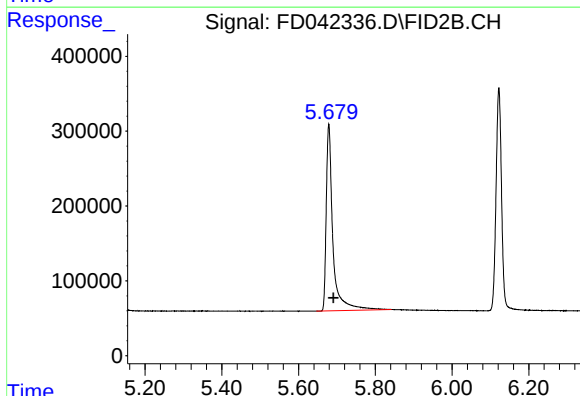
R.T.: 3.085 min
Delta R.T.: 0.003 min
Response: 2878496
Conc: 21.12 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



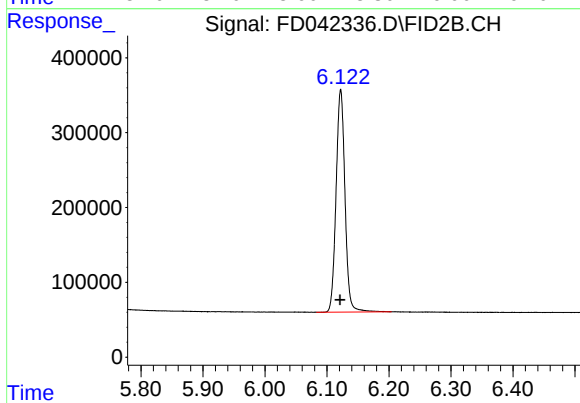
#2 n-Decane (C10)

R.T.: 4.129 min
Delta R.T.: 0.002 min
Response: 2866507
Conc: 21.39 ug/ml



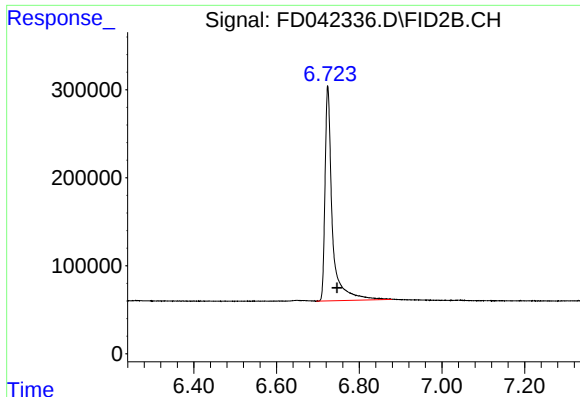
#3 A~Naphthalene (C11.7)

R.T.: 5.679 min
Delta R.T.: -0.012 min
Response: 3014508
Conc: 20.80 ug/ml



#4 n-Dodecane (C12)

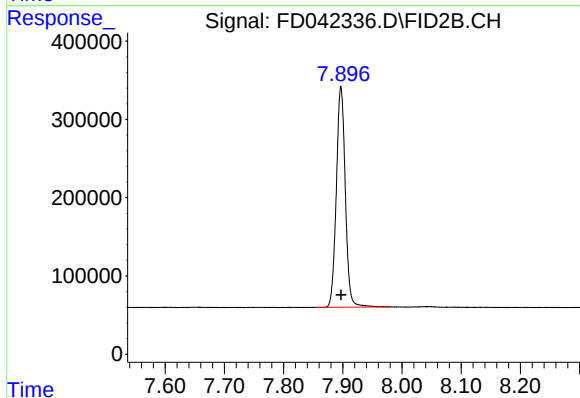
R.T.: 6.122 min
Delta R.T.: 0.001 min
Response: 2965179
Conc: 20.83 ug/ml



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

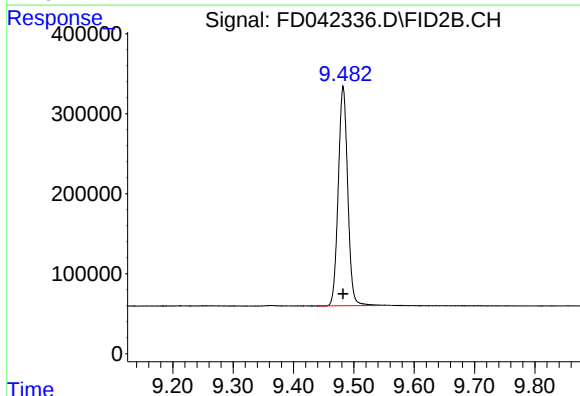
R.T.: 6.724 min
Delta R.T.: -0.022 min
Response: 2989773
Conc: 21.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



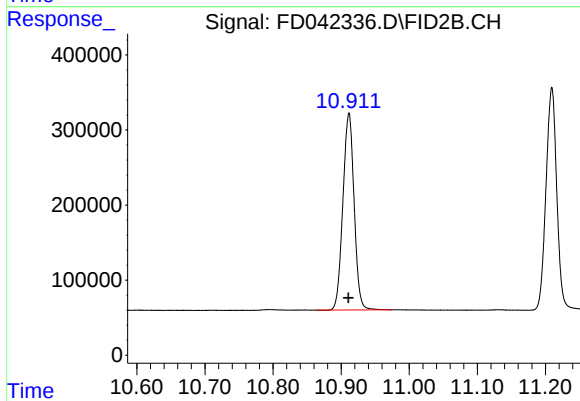
#6 n-Tetradecane (C14)

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 2979518
Conc: 20.92 ug/ml



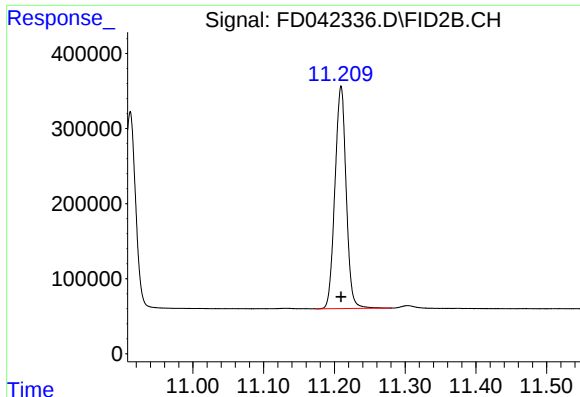
#7 n-Hexadecane (C16)

R.T.: 9.482 min
Delta R.T.: 0.000 min
Response: 2989911
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

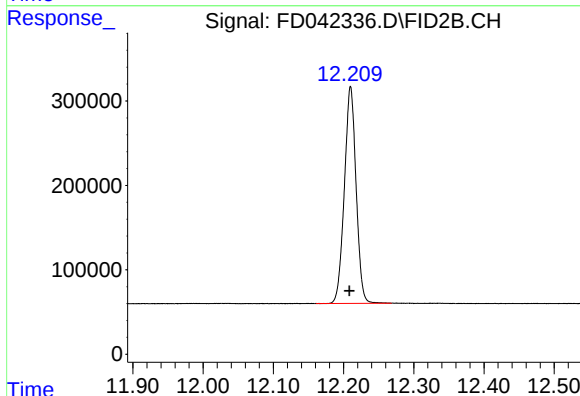
R.T.: 10.912 min
Delta R.T.: 0.001 min
Response: 3003636
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

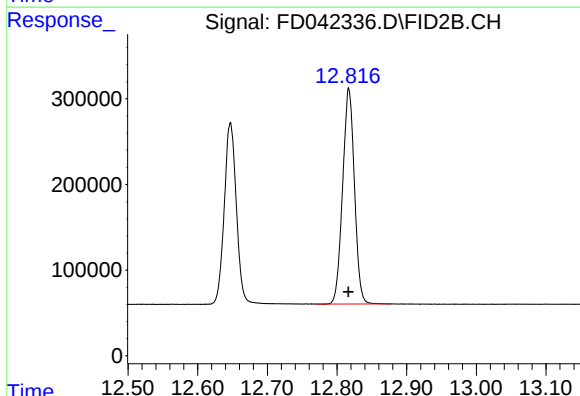
R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 3269054
Conc: 19.49 ug/ml

Instrument :
FID_D
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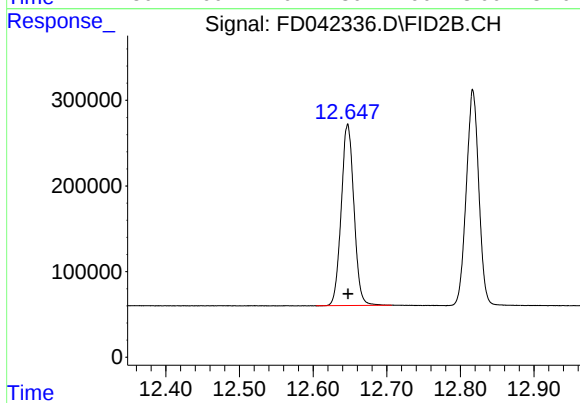
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: 0.001 min
Response: 2976707
Conc: 19.45 ug/ml



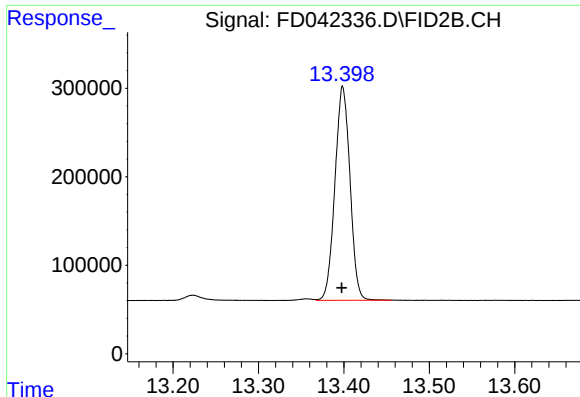
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 2968002
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

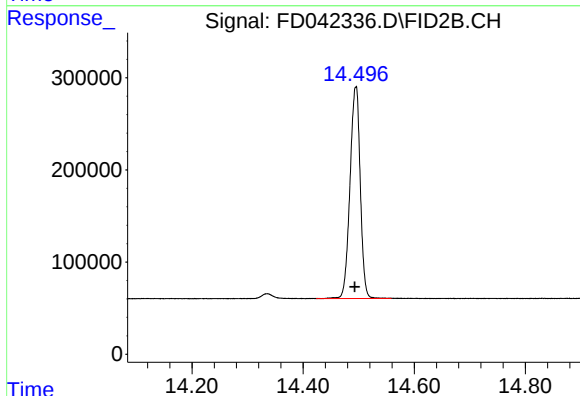
R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 2544159
Conc: 19.28 ug/ml



#13 n-Docosane (C22)

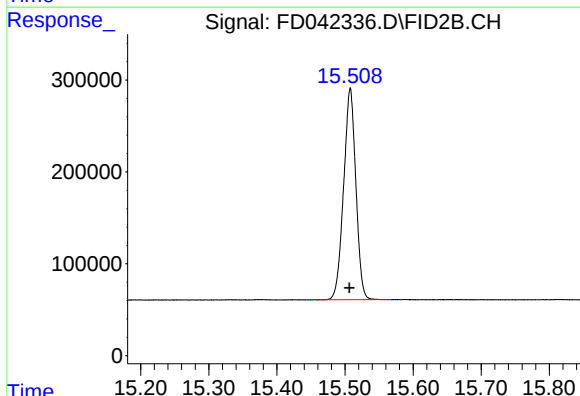
R.T.: 13.399 min
Delta R.T.: 0.001 min
Response: 2963239
Conc: 19.22 ug/ml

Instrument :
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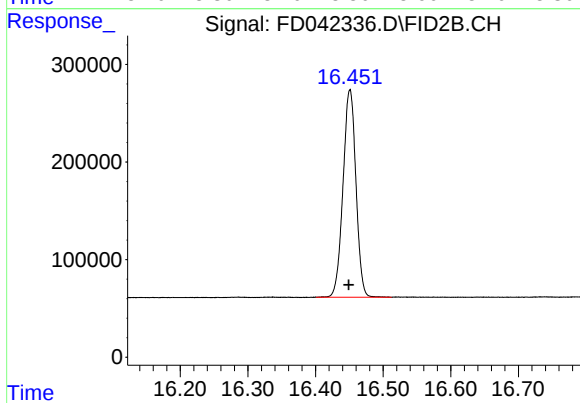
#14 n-Tetracosane (C24)

R.T.: 14.495 min
Delta R.T.: 0.002 min
Response: 2941726
Conc: 19.02 ug/ml



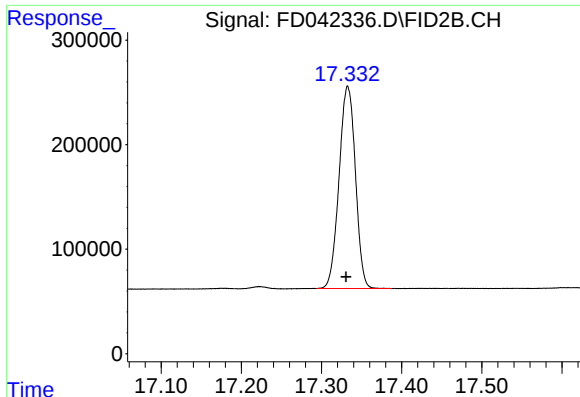
#15 n-Hexacosane (C26)

R.T.: 15.508 min
Delta R.T.: 0.001 min
Response: 2868764
Conc: 18.65 ug/ml



#16 n-Octacosane (C28)

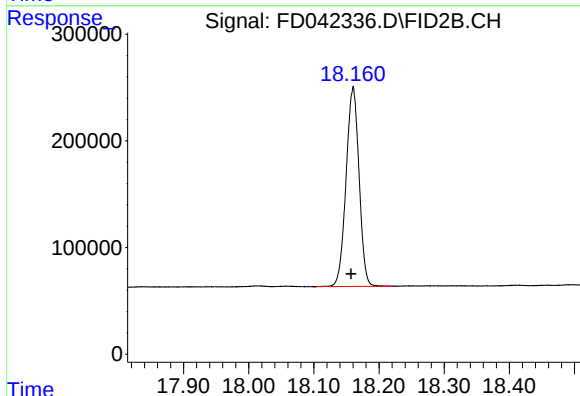
R.T.: 16.451 min
Delta R.T.: 0.002 min
Response: 2819971
Conc: 18.44 ug/ml



#17 n-Tricontane (C30)

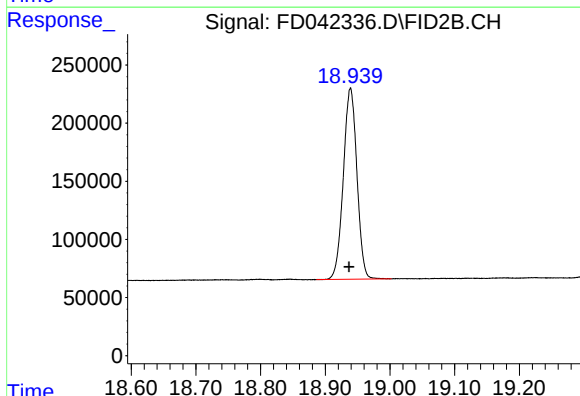
R.T.: 17.333 min
Delta R.T.: 0.002 min
Response: 2742214
Conc: 18.28 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



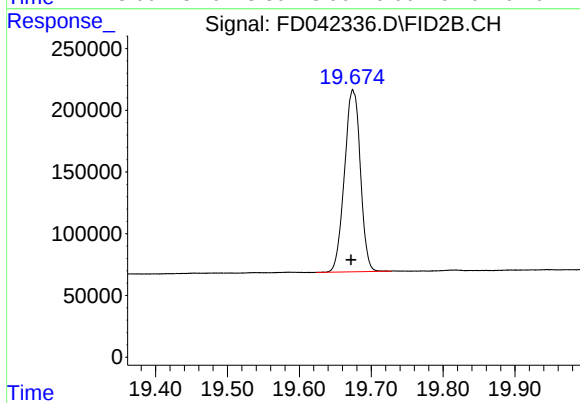
#18 n-Dotriacontane (C32)

R.T.: 18.160 min
Delta R.T.: 0.003 min
Response: 2585023
Conc: 18.28 ug/ml



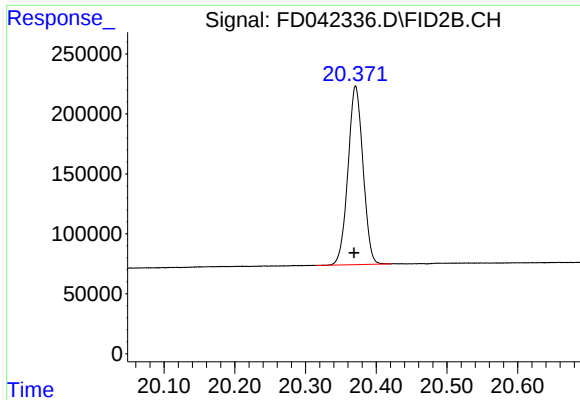
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min
Delta R.T.: 0.002 min
Response: 2403292
Conc: 18.67 ug/ml



#20 n-Hexatriacontane (C36)

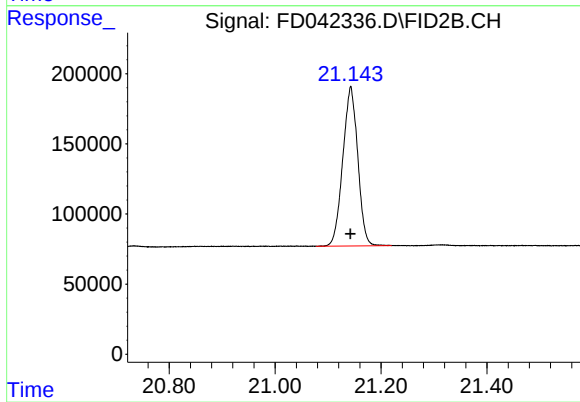
R.T.: 19.675 min
Delta R.T.: 0.003 min
Response: 2256820
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.371 min
Delta R.T.: 0.002 min
Response: 2194184
Conc: 21.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.143 min
Delta R.T.: 0.000 min
Response: 2222108
Conc: 24.64 ug/ml