

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042920AL\
 Data File : FC047197.D
 Signal(s) : FID1A.CH
 Acq On : 29 Apr 2020 21:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 30 00:51:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 2020
 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)	11.750	2376129	21.353 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
12) S 1-chlorooctadecane (S...	13.164	1871551	20.957 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
Target Compounds			
1) T n-Nonane (C9)	3.551	2132759	22.091 ug/ml
2) T n-Decane (C10)	4.617	2176736	22.566 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2284968	22.682 ug/ml
4) T n-Dodecane (C12)	6.619	2220147	22.581 ug/ml
5) T A~2-methylnaphthalene...	7.264	2265769	22.715 ug/ml
6) T n-Tetradecane (C14)	8.398	2239089	22.672 ug/ml
7) T n-Hexadecane (C16)	9.986	2239192	22.210 ug/ml
8) T n-Octadecane (C18)	11.418	2251605	21.810 ug/ml
10) T n-Eicosane (C20)	12.717	2244652	21.392 ug/ml
11) T n-Heneicosane (C21)	13.326	2237734	21.037 ug/ml
13) T n-Docosane (C22)	13.908	2258337	21.223 ug/ml
14) T n-Tetracosane (C24)	15.004	2328913	21.655 ug/ml
15) T n-Hexacosane (C26)	16.020	2282278	21.154 ug/ml
16) T n-Octacosane (C28)	16.963	2256473	21.111 ug/ml
17) T n-Tricontane (C30)	17.845	2134050	21.326 ug/ml
18) T n-Dotriacontane (C32)	18.673	1651005	21.666 ug/ml
19) T n-Tetratriacontane (C34)	19.450	1188825	21.156 ug/ml
20) T n-Hexatriacontane (C36)	20.186	990420	19.792 ug/ml
21) T n-Octatriacontane (C38)	20.942	912474	20.123 ug/ml
22) T n-Tetracontane (C40)	21.892	943533	20.114 ug/ml

(f)=RT Delta > 1/2 Window

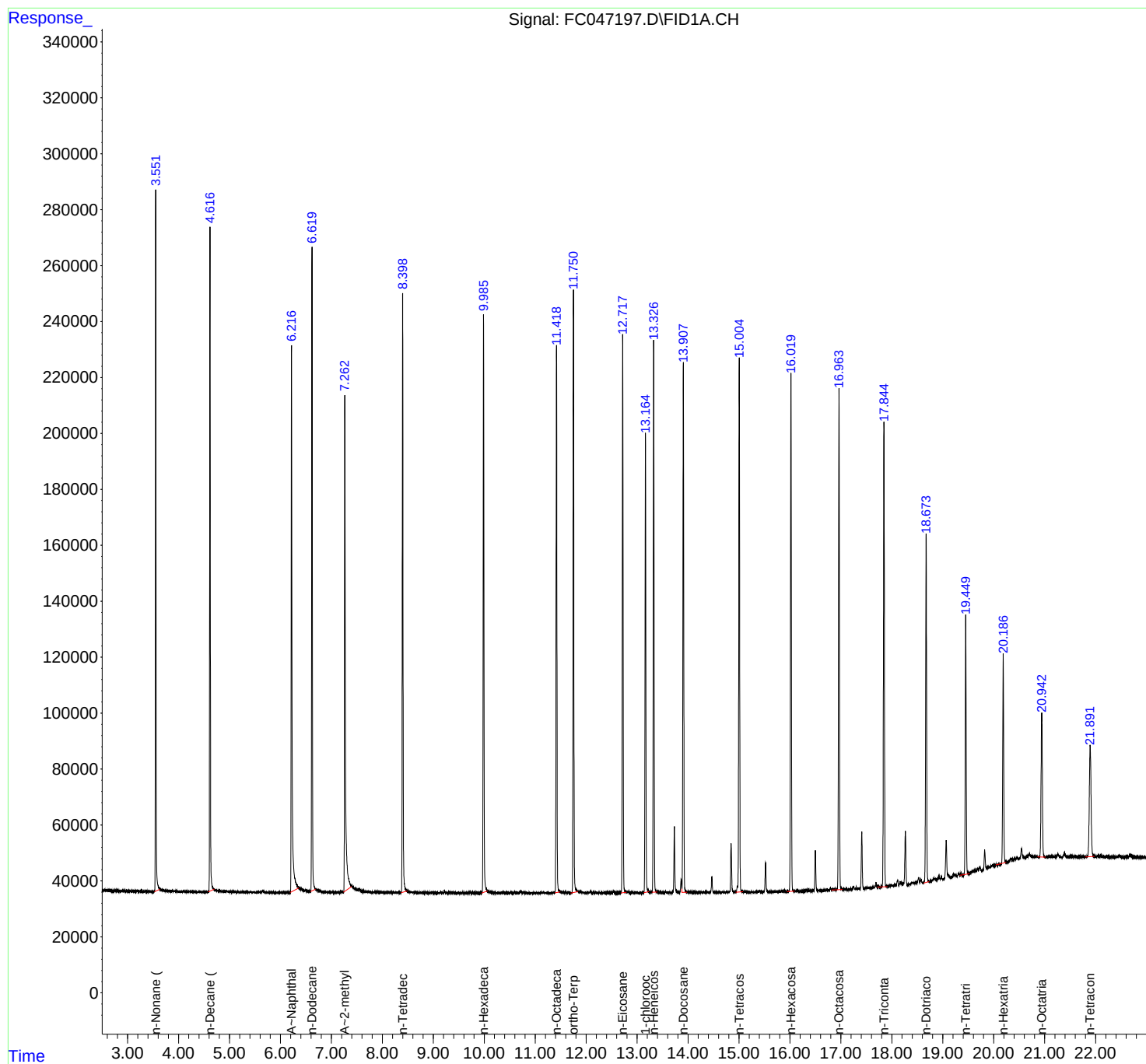
(m)=manual int.

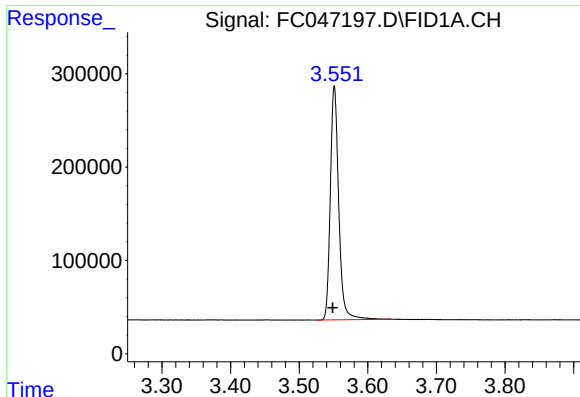
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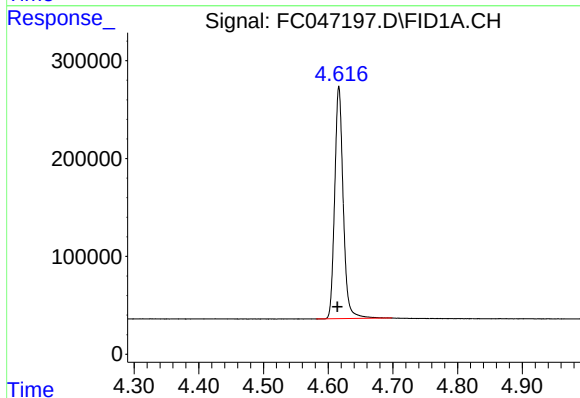




#1 n-Nonane (C9)

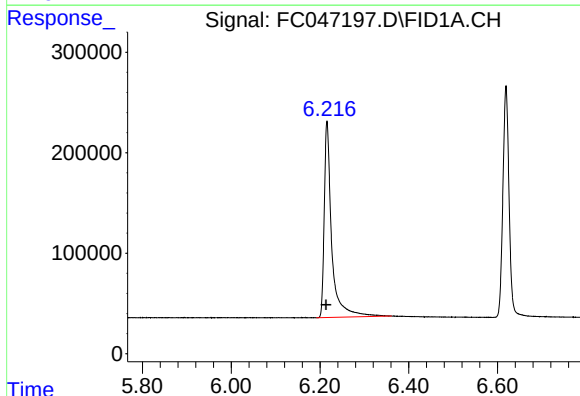
R.T.: 3.551 min
Delta R.T.: 0.002 min
Response: 2132759
Conc: 22.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



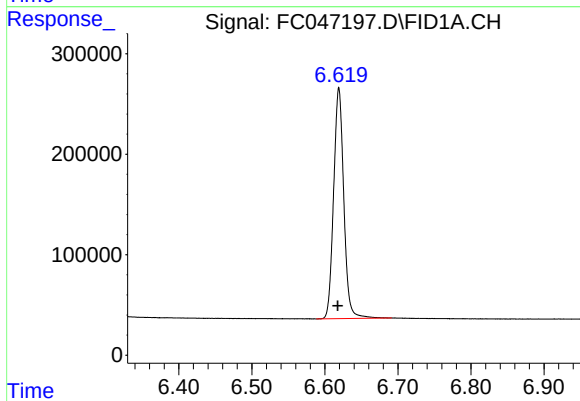
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.002 min
Response: 2176736
Conc: 22.57 ug/ml



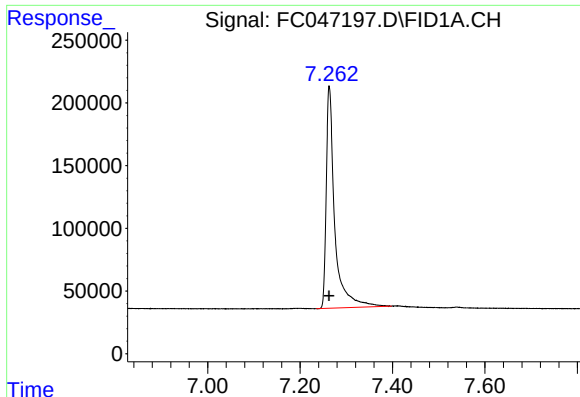
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.003 min
Response: 2284968
Conc: 22.68 ug/ml



#4 n-Dodecane (C12)

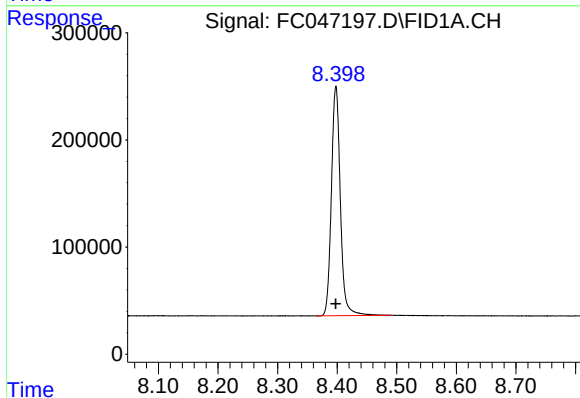
R.T.: 6.619 min
Delta R.T.: 0.002 min
Response: 2220147
Conc: 22.58 ug/ml



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

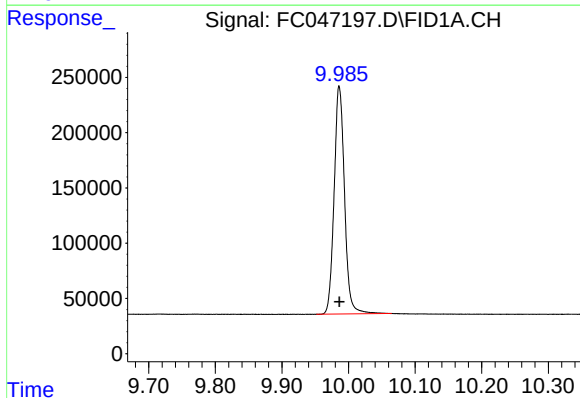
R.T.: 7.264 min
Delta R.T.: 0.001 min
Response: 2265769
Conc: 22.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



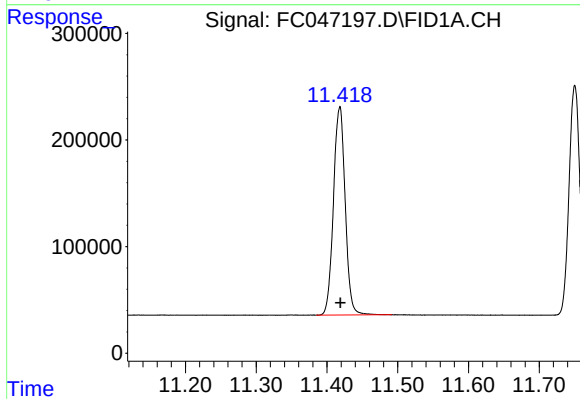
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2239089
Conc: 22.67 ug/ml



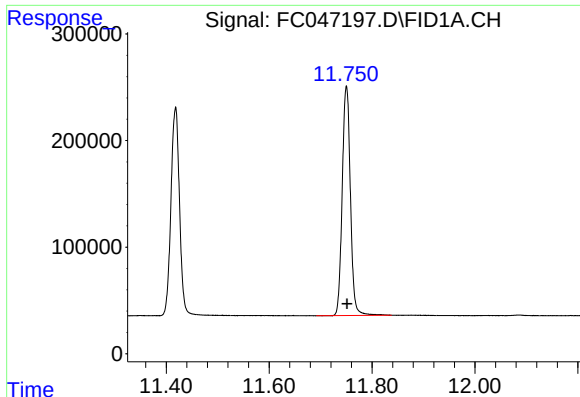
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: 0.000 min
Response: 2239192
Conc: 22.21 ug/ml



#8 n-Octadecane (C18)

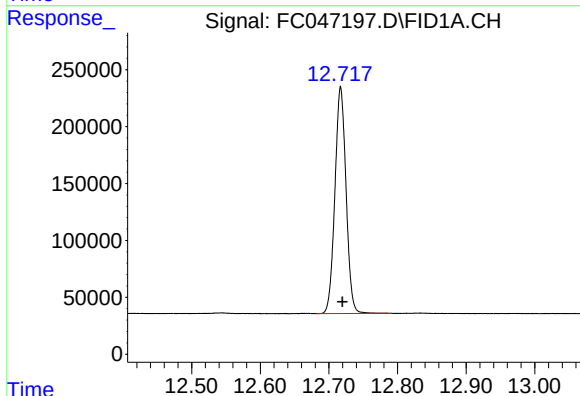
R.T.: 11.418 min
Delta R.T.: 0.000 min
Response: 2251605
Conc: 21.81 ug/ml



#9 ortho-Terphenyl (SURR)

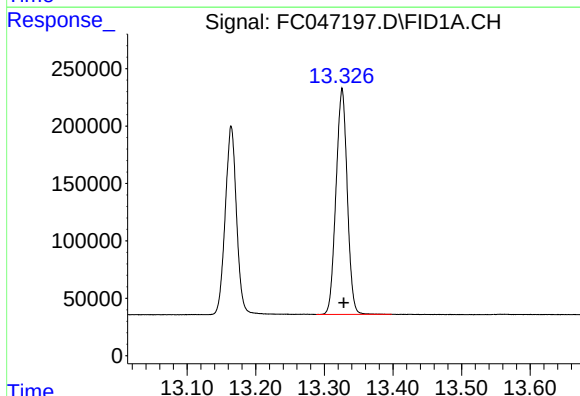
R.T.: 11.750 min
Delta R.T.: -0.001 min
Response: 2376129
Conc: 21.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



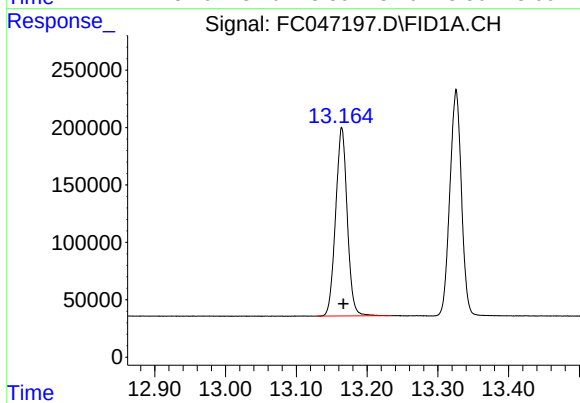
#10 n-Eicosane (C20)

R.T.: 12.717 min
Delta R.T.: -0.003 min
Response: 2244652
Conc: 21.39 ug/ml



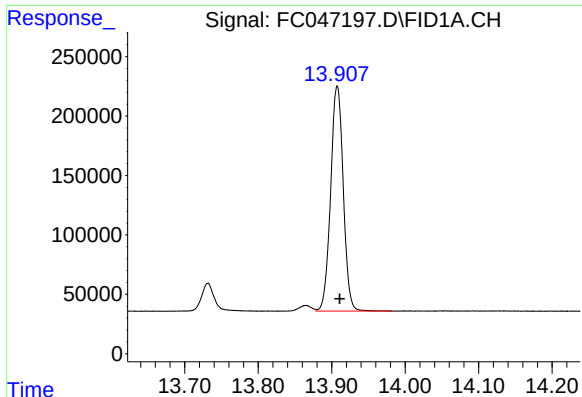
#11 n-Heneicosane (C21)

R.T.: 13.326 min
Delta R.T.: -0.003 min
Response: 2237734
Conc: 21.04 ug/ml



#12 1-chlorooctadecane (SURR)

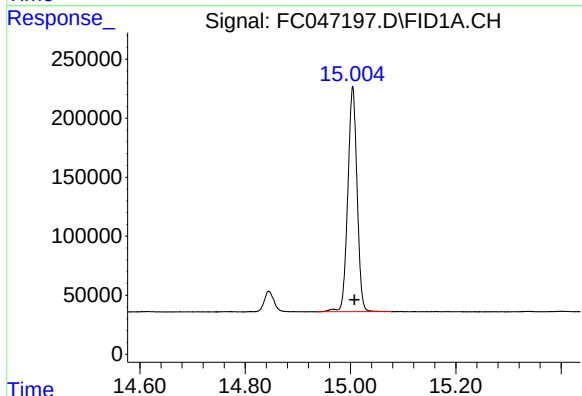
R.T.: 13.164 min
Delta R.T.: -0.002 min
Response: 1871551
Conc: 20.96 ug/ml



#13 n-Docosane (C22)

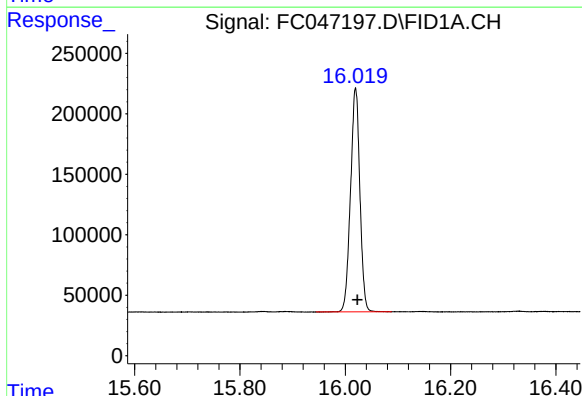
R.T.: 13.908 min
Delta R.T.: -0.003 min
Response: 2258337
Conc: 21.22 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



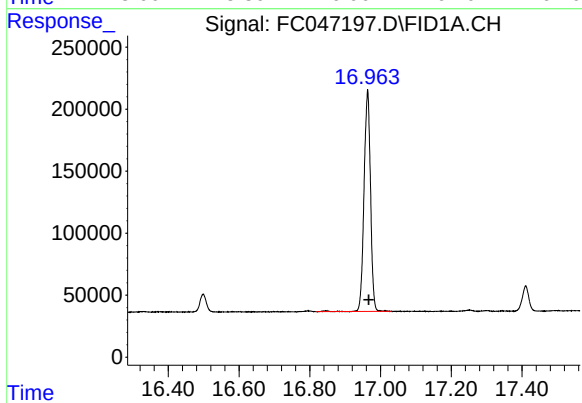
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: -0.003 min
Response: 2328913
Conc: 21.66 ug/ml



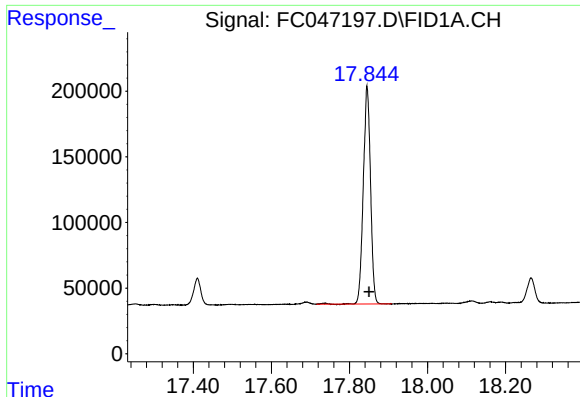
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 2282278
Conc: 21.15 ug/ml



#16 n-Octacosane (C28)

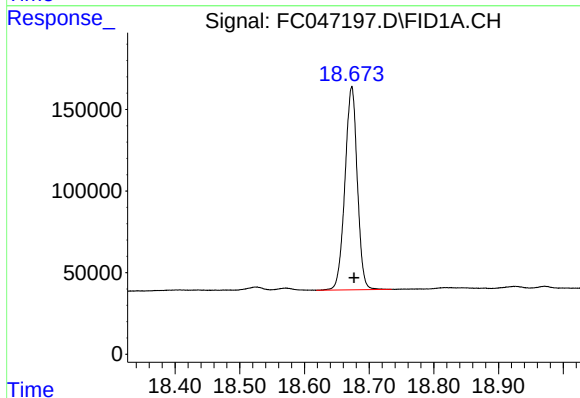
R.T.: 16.963 min
Delta R.T.: -0.003 min
Response: 2256473
Conc: 21.11 ug/ml



#17 n-Tricontane (C30)

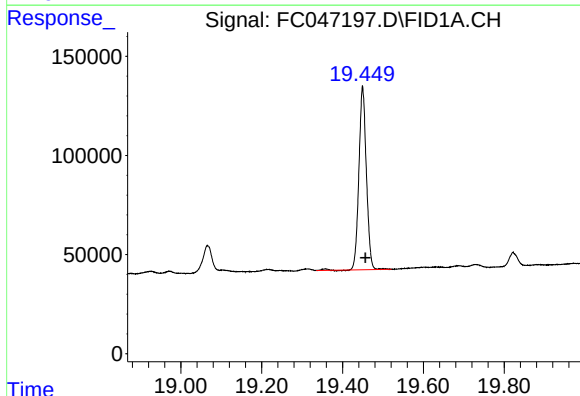
R.T.: 17.845 min
Delta R.T.: -0.005 min
Response: 2134050
Conc: 21.33 ug/ml

Instrument :
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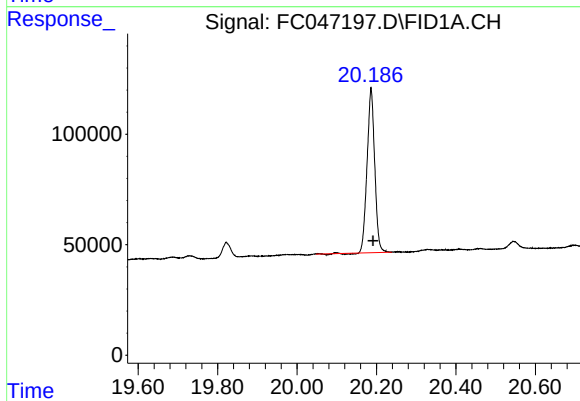
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: -0.004 min
Response: 1651005
Conc: 21.67 ug/ml



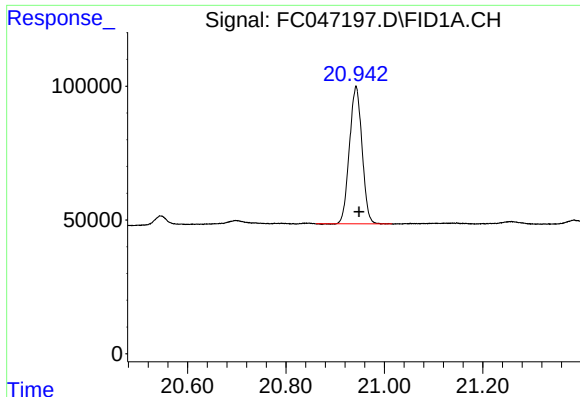
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min
Delta R.T.: -0.006 min
Response: 1188825
Conc: 21.16 ug/ml



#20 n-Hexatriacontane (C36)

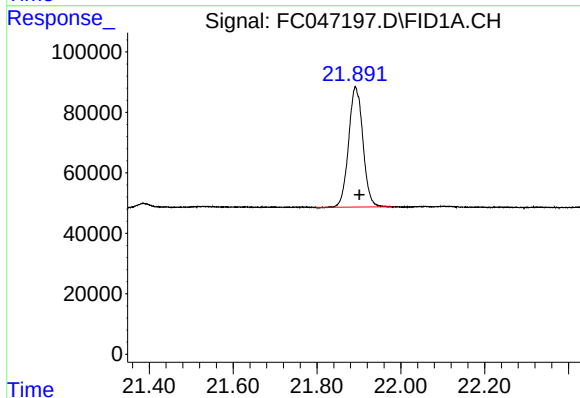
R.T.: 20.186 min
Delta R.T.: -0.005 min
Response: 990420
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.942 min
Delta R.T.: -0.007 min
Response: 912474
Conc: 20.12 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: -0.009 min
Response: 943533
Conc: 20.11 ug/ml