

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051320AL\
 Data File : FC047424.D
 Signal(s) : FID1A.CH
 Acq On : 14 May 2020 6:26
 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: May 14 06:46:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.743	2369864	19.825 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
12) S 1-chlorooctadecane (S...	13.156	1898148	19.353 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T n-Nonane (C9)	3.548	2178540	21.490 ug/ml
2) T n-Decane (C10)	4.612	2220158	21.726 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2203146	21.158 ug/ml
4) T n-Dodecane (C12)	6.613	2276710	21.555 ug/ml
5) T A~2-methylnaphthalene...	7.257	2238453	21.316 ug/ml
6) T n-Tetradecane (C14)	8.392	2262077	21.386 ug/ml
7) T n-Hexadecane (C16)	9.979	2203624	20.827 ug/ml
8) T n-Octadecane (C18)	11.411	2274265	20.310 ug/ml
10) T n-Eicosane (C20)	12.710	2251526	19.787 ug/ml
11) T n-Heneicosane (C21)	13.318	2223424	19.557 ug/ml
13) T n-Docosane (C22)	13.901	2191566	19.286 ug/ml
14) T n-Tetracosane (C24)	14.997	2138981	18.905 ug/ml
15) T n-Hexacosane (C26)	16.011	2074531	18.522 ug/ml
16) T n-Octacosane (C28)	16.954	2031732	18.216 ug/ml
17) T n-Tricontane (C30)	17.837	1968236	18.204 ug/ml
18) T n-Dotriacontane (C32)	18.663	1818124	18.437 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1711427	18.658 ug/ml
20) T n-Hexatriacontane (C36)	20.178	1656563	19.102 ug/ml
21) T n-Octatriacontane (C38)	20.932	1583544	19.626 ug/ml
22) T n-Tetracontane (C40)	21.879	1700437	20.910 ug/ml

(f)=RT Delta > 1/2 Window

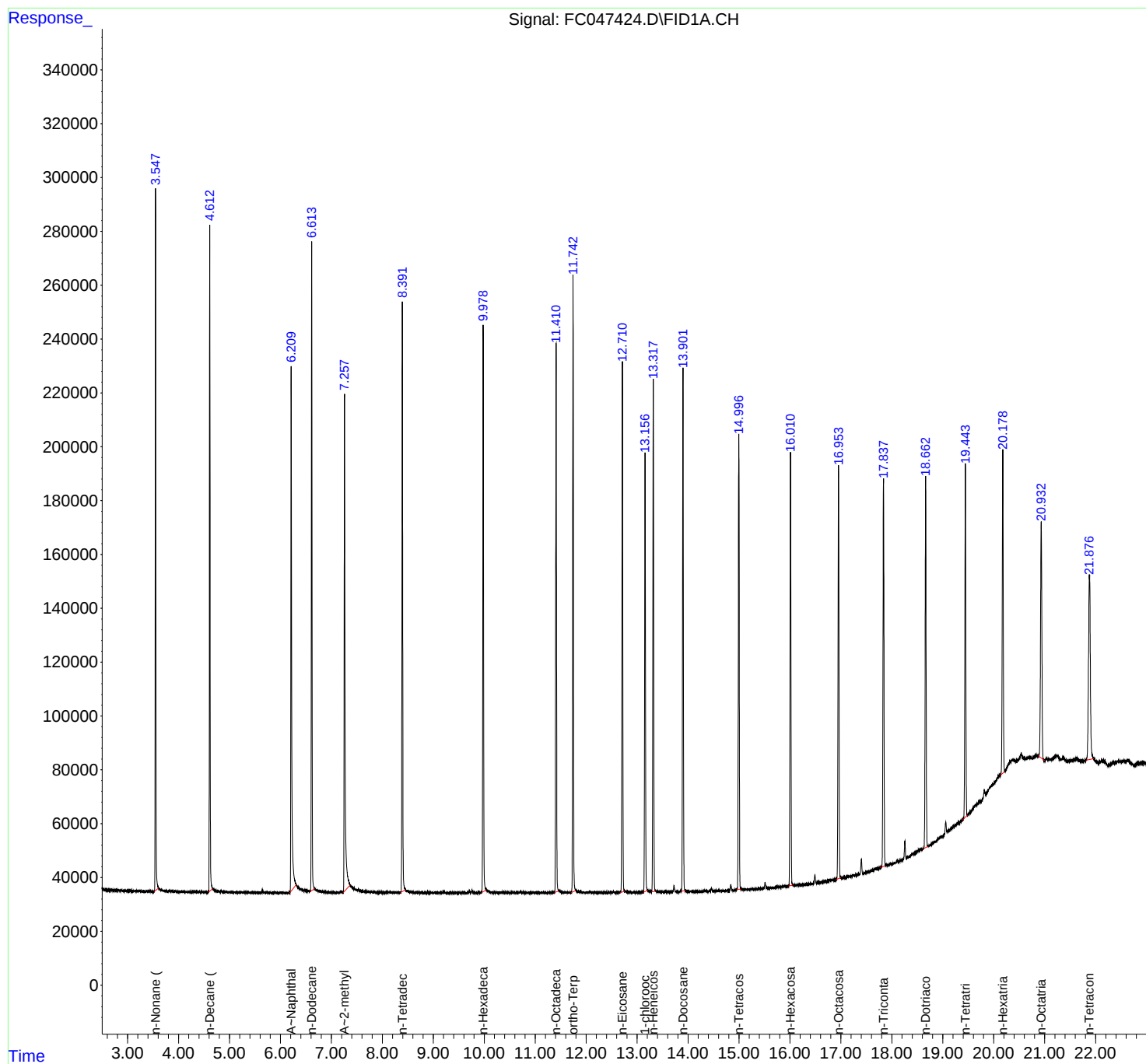
(m)=manual int.

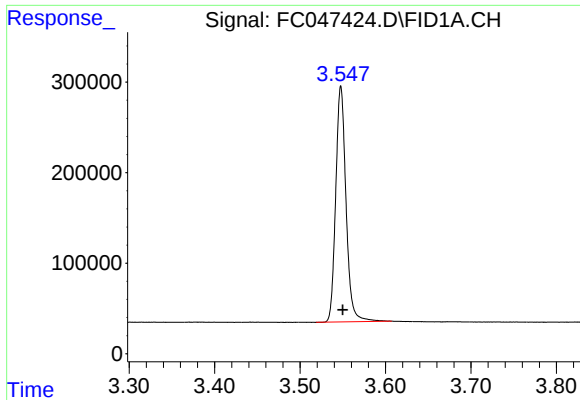
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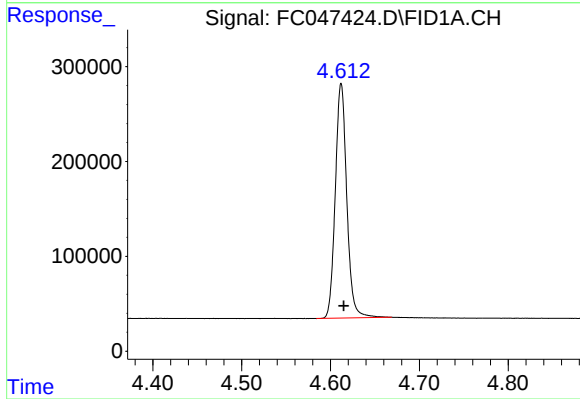




#1 n-Nonane (C9)

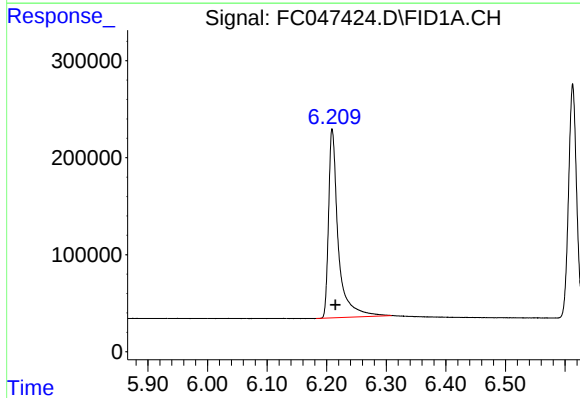
R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 2178540
Conc: 21.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



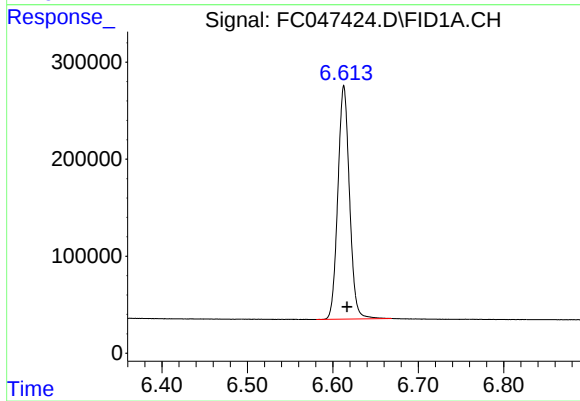
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.003 min
Response: 2220158
Conc: 21.73 ug/ml



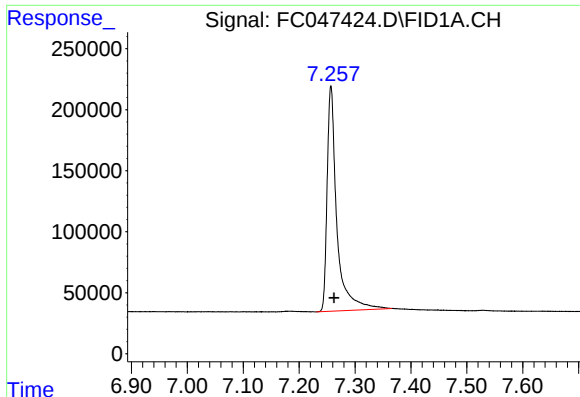
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 2203146
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

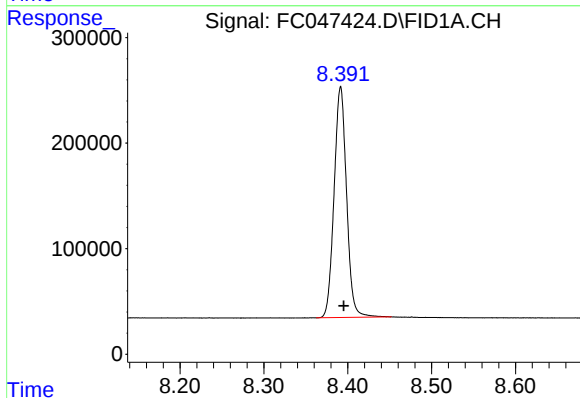
R.T.: 6.613 min
Delta R.T.: -0.004 min
Response: 2276710
Conc: 21.55 ug/ml



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

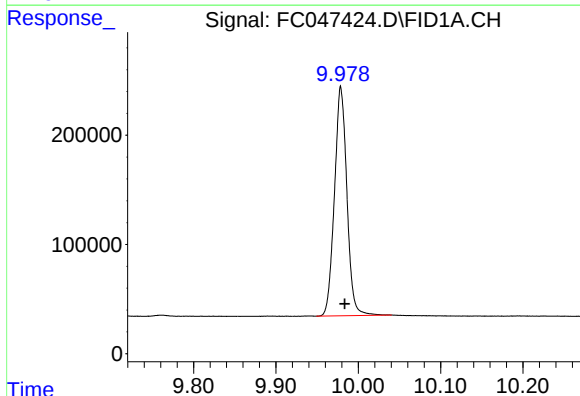
R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 2238453
Conc: 21.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



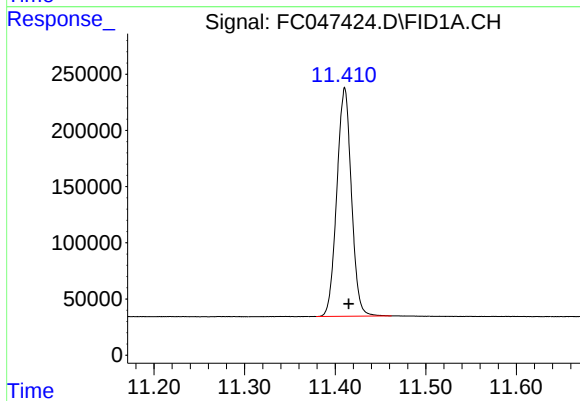
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: -0.004 min
Response: 2262077
Conc: 21.39 ug/ml



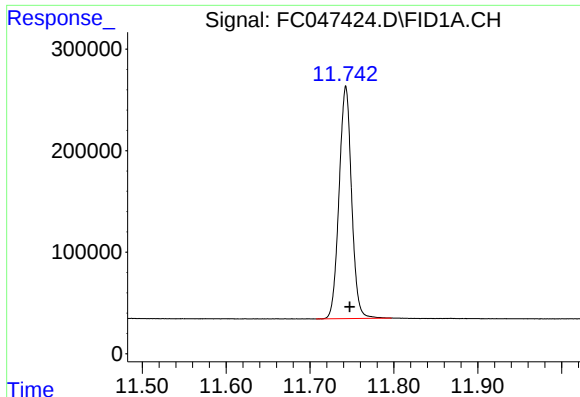
#7 n-Hexadecane (C16)

R.T.: 9.979 min
Delta R.T.: -0.005 min
Response: 2203624
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

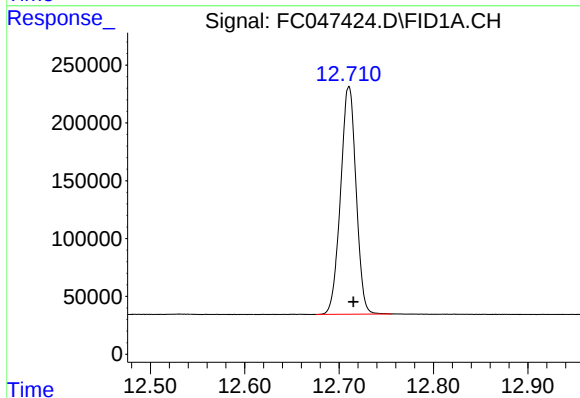
R.T.: 11.411 min
Delta R.T.: -0.004 min
Response: 2274265
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

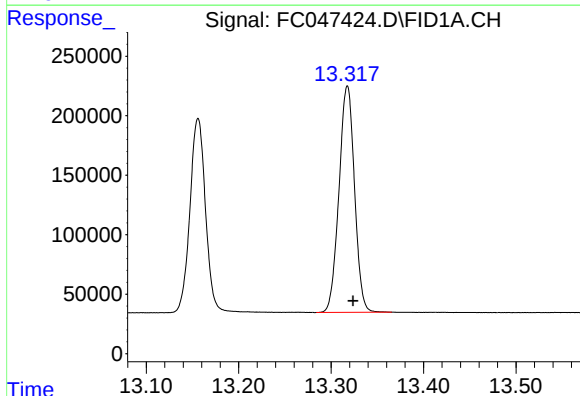
R.T.: 11.743 min
Delta R.T.: -0.005 min
Response: 2369864
Conc: 19.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



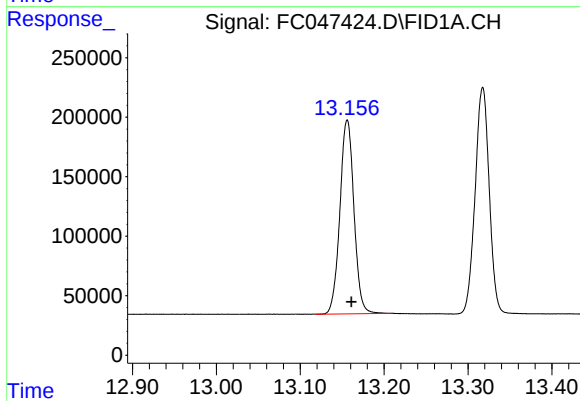
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: -0.005 min
Response: 2251526
Conc: 19.79 ug/ml



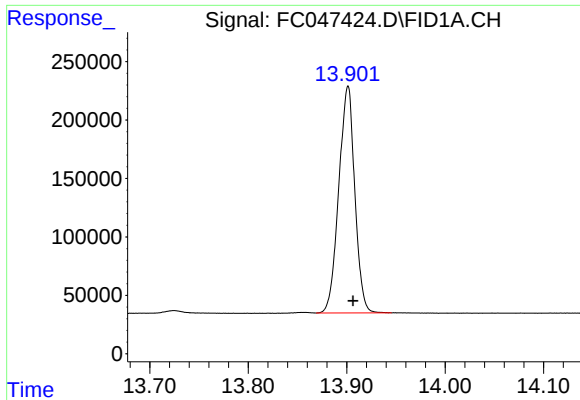
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.006 min
Response: 2223424
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

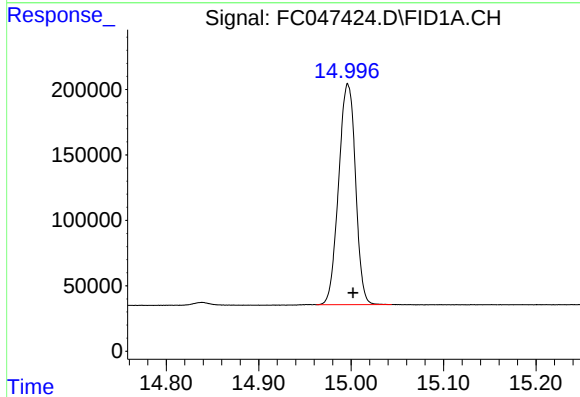
R.T.: 13.156 min
Delta R.T.: -0.005 min
Response: 1898148
Conc: 19.35 ug/ml



#13 n-Docosane (C22)

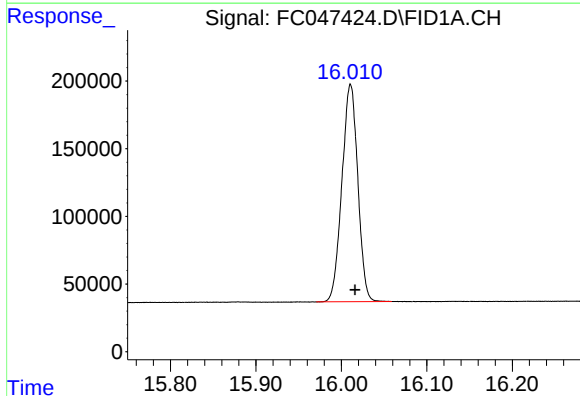
R.T.: 13.901 min
Delta R.T.: -0.005 min
Response: 2191566
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



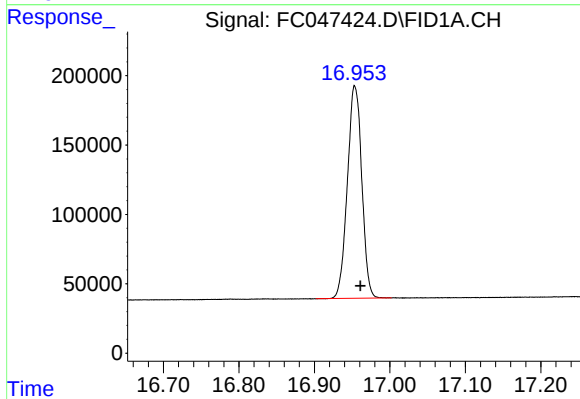
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.006 min
Response: 2138981
Conc: 18.90 ug/ml



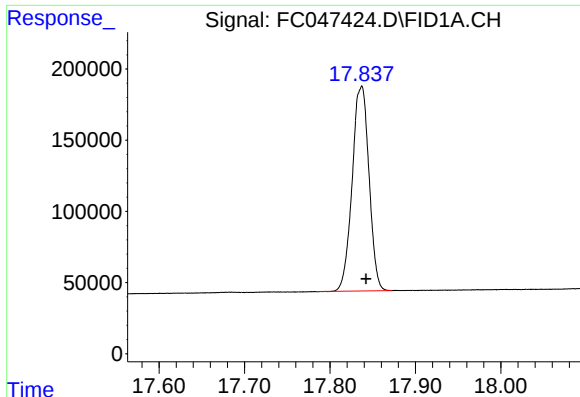
#15 n-Hexacosane (C26)

R.T.: 16.011 min
Delta R.T.: -0.005 min
Response: 2074531
Conc: 18.52 ug/ml



#16 n-Octacosane (C28)

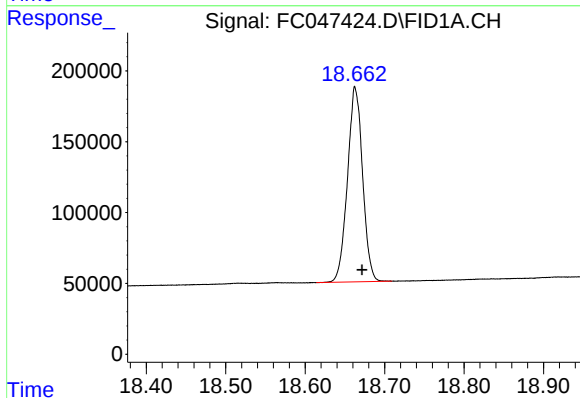
R.T.: 16.954 min
Delta R.T.: -0.007 min
Response: 2031732
Conc: 18.22 ug/ml



#17 n-Tricontane (C30)

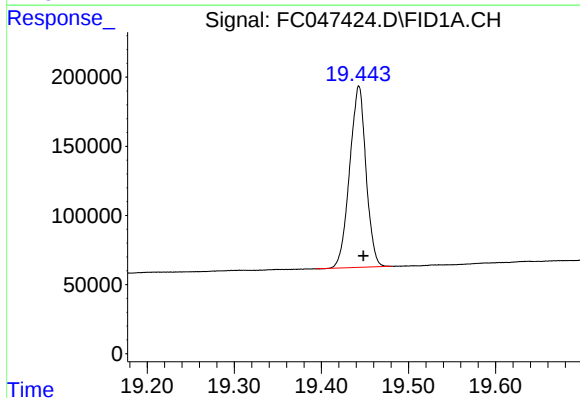
R.T.: 17.837 min
Delta R.T.: -0.005 min
Response: 1968236
Conc: 18.20 ug/ml

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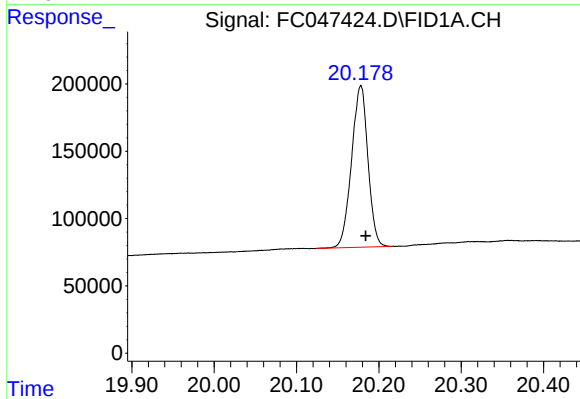
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.009 min
Response: 1818124
Conc: 18.44 ug/ml



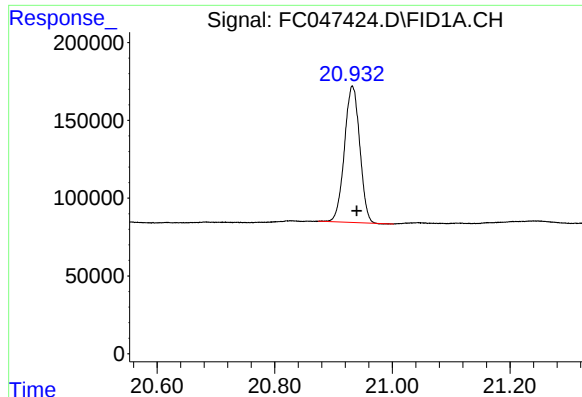
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: -0.005 min
Response: 1711427
Conc: 18.66 ug/ml



#20 n-Hexatriacontane (C36)

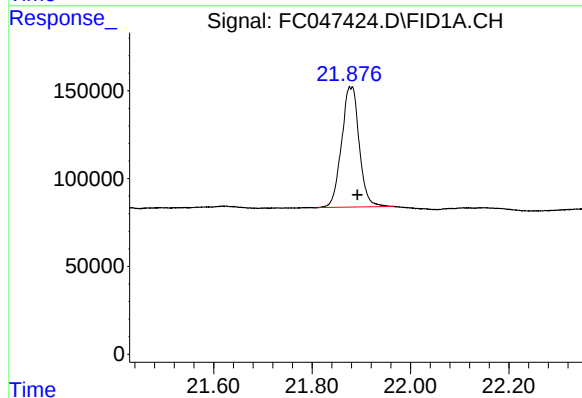
R.T.: 20.178 min
Delta R.T.: -0.006 min
Response: 1656563
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.008 min
Response: 1583544
Conc: 19.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: -0.013 min
Response: 1700437
Conc: 20.91 ug/ml