

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051420AL\
 Data File : FC047427.D
 Signal(s) : FID1A.CH
 Acq On : 14 May 2020 10:23
 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 15 07:19:16 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)	11.741	2376400	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
12) S 1-chlorooctadecane (S...	13.156	1906395	19.437 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.548	2188704	21.590 ug/ml
2) T n-Decane (C10)	4.612	2236035	21.881 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2215983	21.281 ug/ml
4) T n-Dodecane (C12)	6.613	2292162	21.701 ug/ml
5) T A~2-methylnaphthalene...	7.257	2237136	21.303 ug/ml
6) T n-Tetradecane (C14)	8.392	2270561	21.466 ug/ml
7) T n-Hexadecane (C16)	9.979	2205459	20.844 ug/ml
8) T n-Octadecane (C18)	11.410	2285476	20.410 ug/ml
10) T n-Eicosane (C20)	12.709	2261501	19.875 ug/ml
11) T n-Heneicosane (C21)	13.318	2232228	19.634 ug/ml
13) T n-Docosane (C22)	13.901	2200240	19.362 ug/ml
14) T n-Tetracosane (C24)	14.996	2148174	18.986 ug/ml
15) T n-Hexacosane (C26)	16.010	2083913	18.606 ug/ml
16) T n-Octacosane (C28)	16.953	2043060	18.317 ug/ml
17) T n-Tricontane (C30)	17.835	1986730	18.375 ug/ml
18) T n-Dotriacontane (C32)	18.663	1832296	18.580 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1725940	18.817 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1662634	19.172 ug/ml
21) T n-Octatriacontane (C38)	20.930	1589420	19.699 ug/ml
22) T n-Tetracontane (C40)	21.877	1669894	20.535 ug/ml

(f)=RT Delta > 1/2 Window

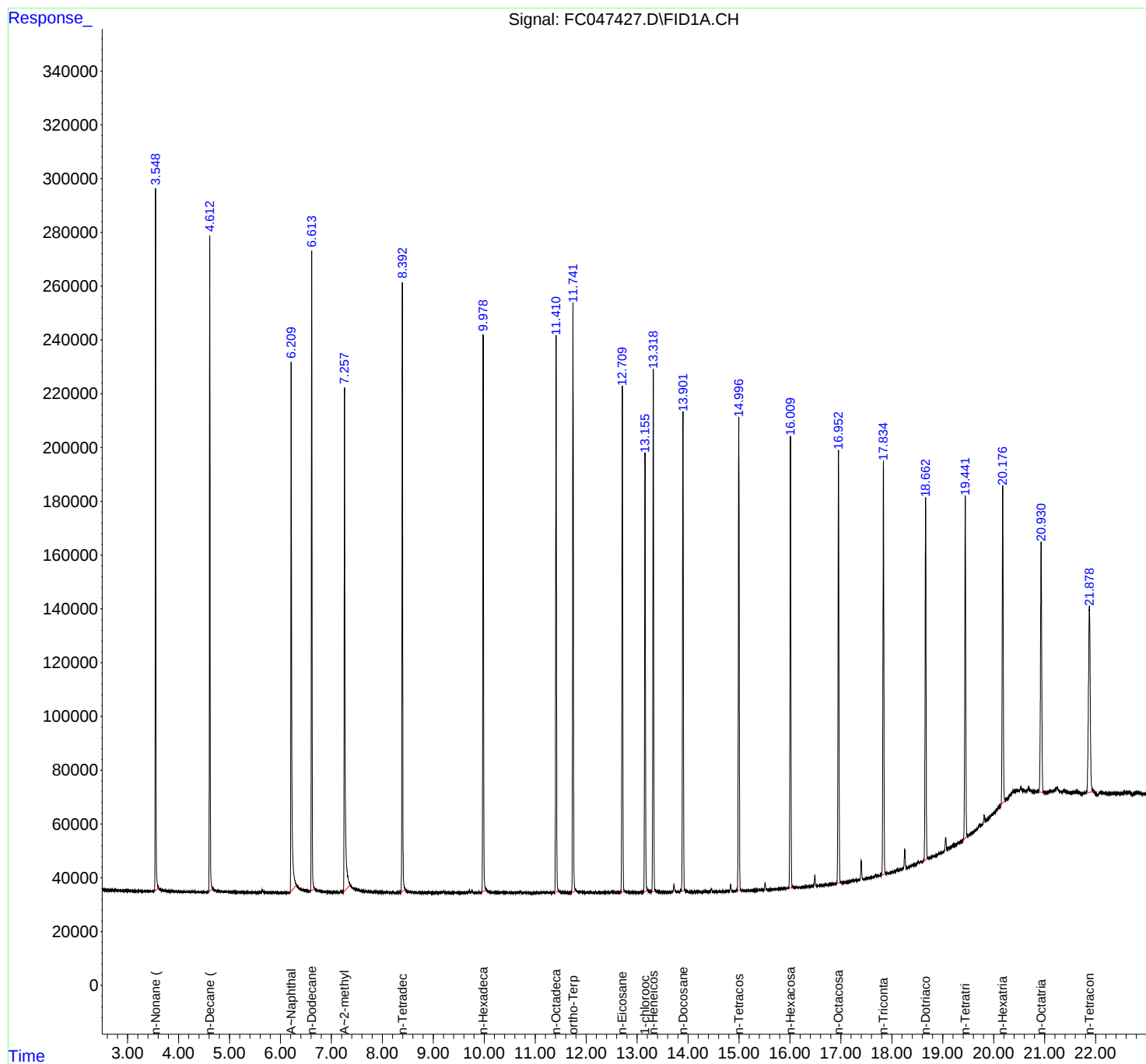
(m)=manual int.

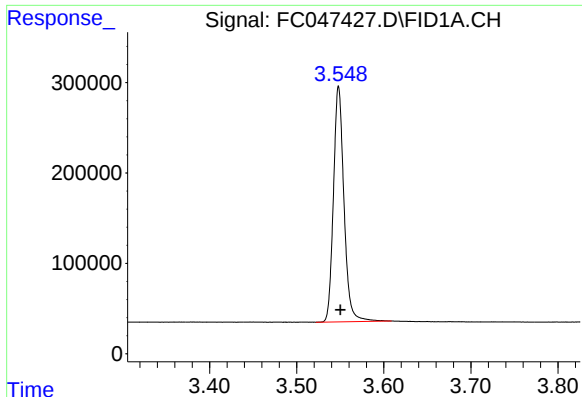
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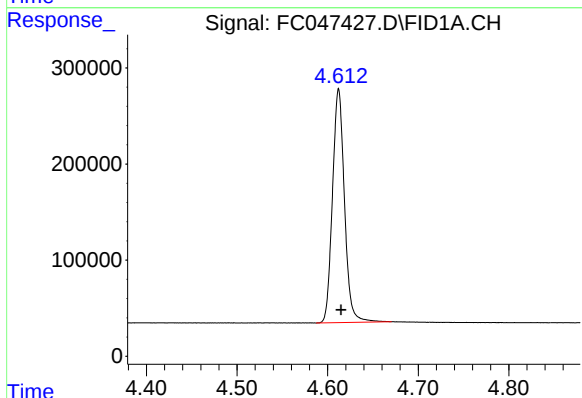




#1 n-Nonane (C9)

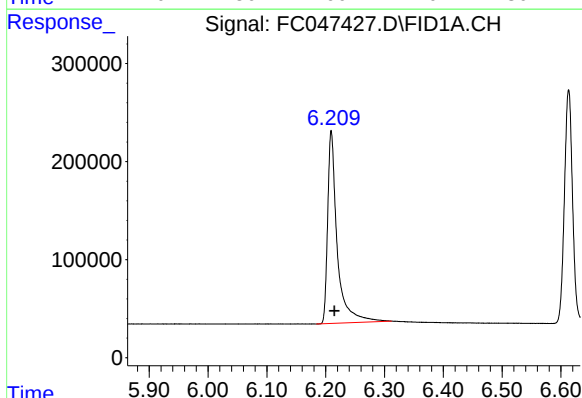
R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 2188704
Conc: 21.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



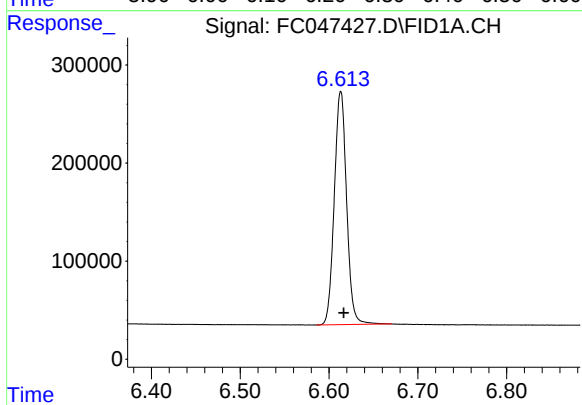
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.003 min
Response: 2236035
Conc: 21.88 ug/ml



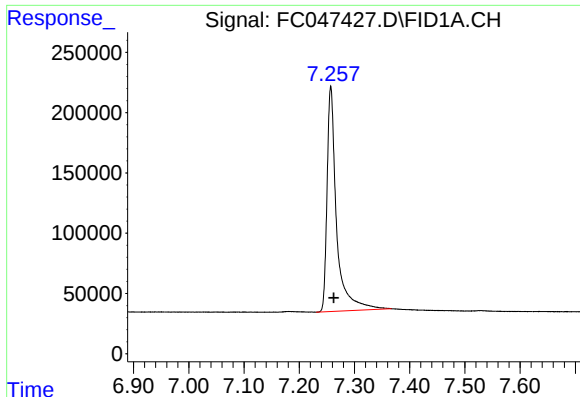
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.005 min
Response: 2215983
Conc: 21.28 ug/ml



#4 n-Dodecane (C12)

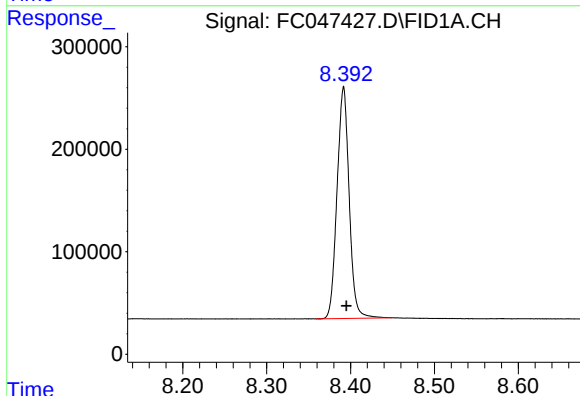
R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 2292162
Conc: 21.70 ug/ml



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

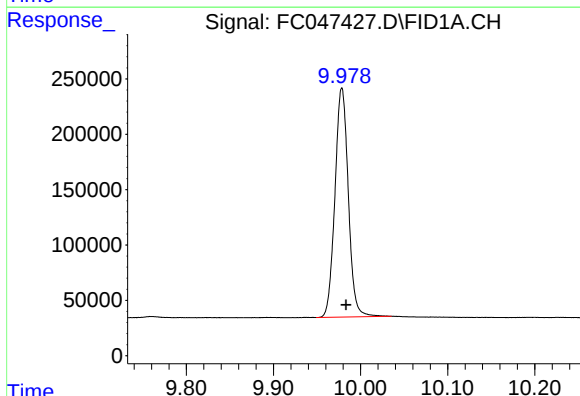
R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 2237136
Conc: 21.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



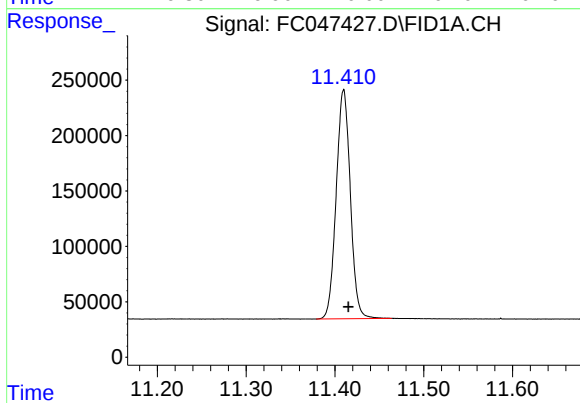
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: -0.003 min
Response: 2270561
Conc: 21.47 ug/ml



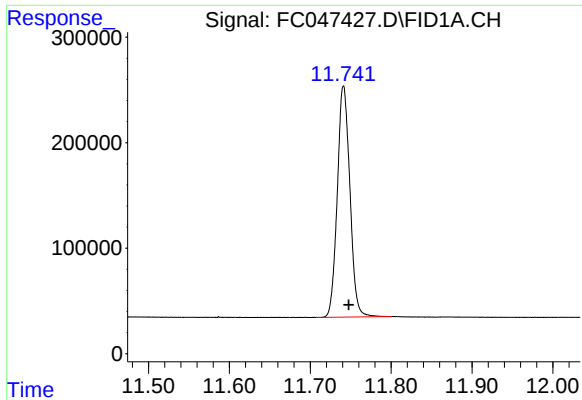
#7 n-Hexadecane (C16)

R.T.: 9.979 min
Delta R.T.: -0.005 min
Response: 2205459
Conc: 20.84 ug/ml



#8 n-Octadecane (C18)

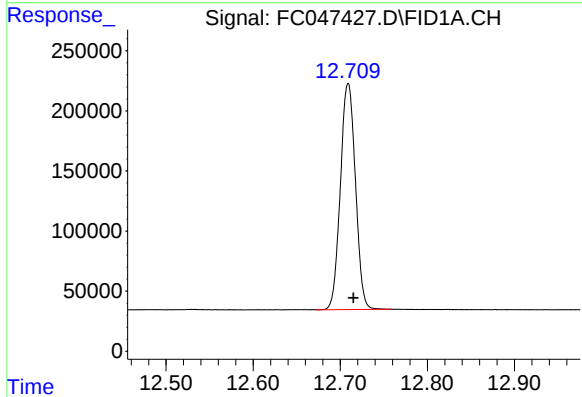
R.T.: 11.410 min
Delta R.T.: -0.005 min
Response: 2285476
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

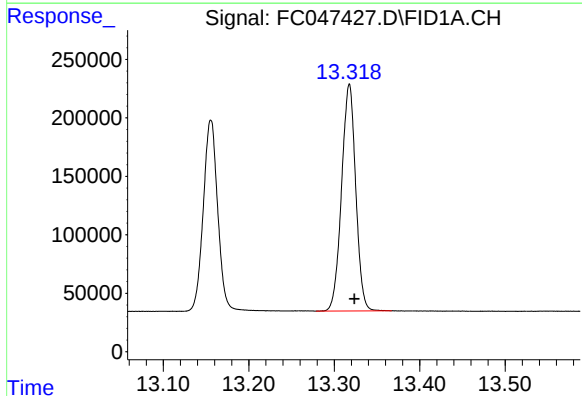
R.T.: 11.741 min
Delta R.T.: -0.006 min
Response: 2376400
Conc: 19.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



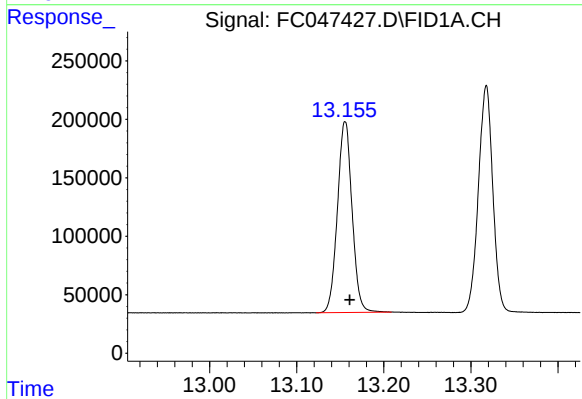
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: -0.006 min
Response: 2261501
Conc: 19.87 ug/ml



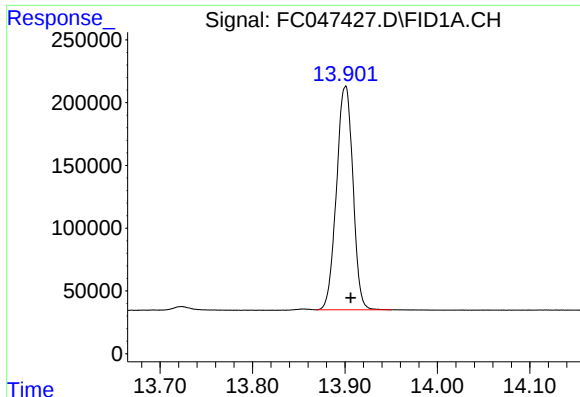
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.006 min
Response: 2232228
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

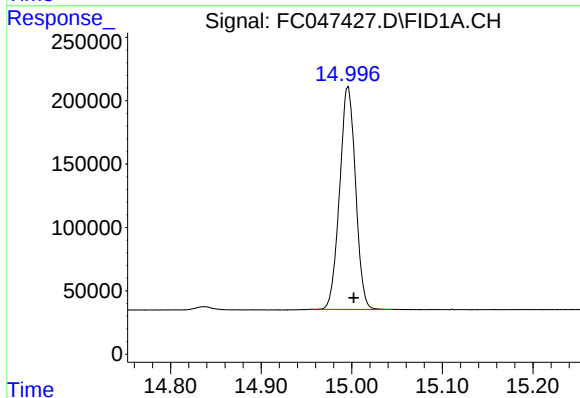
R.T.: 13.156 min
Delta R.T.: -0.005 min
Response: 1906395
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

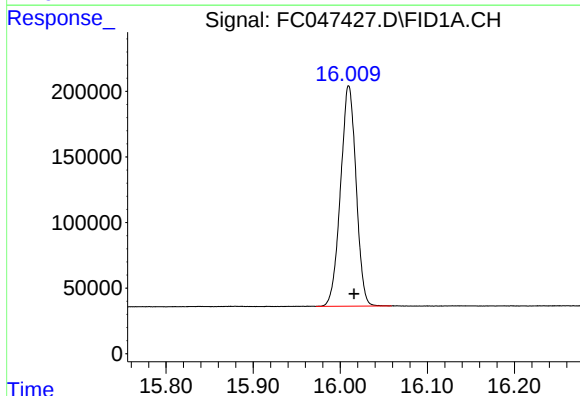
R.T.: 13.901 min
Delta R.T.: -0.006 min
Response: 2200240
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



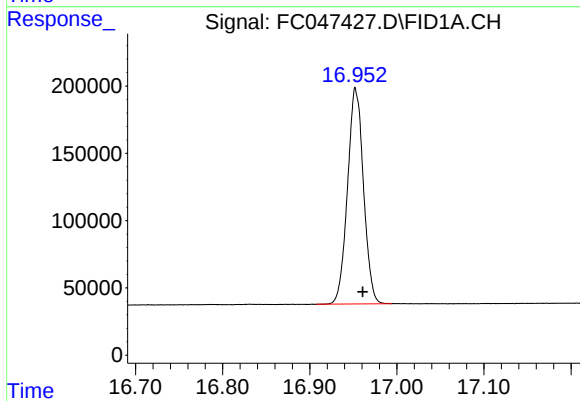
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.006 min
Response: 2148174
Conc: 18.99 ug/ml



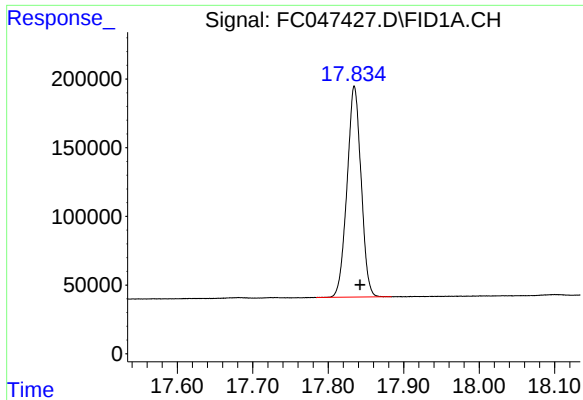
#15 n-Hexacosane (C26)

R.T.: 16.010 min
Delta R.T.: -0.006 min
Response: 2083913
Conc: 18.61 ug/ml



#16 n-Octacosane (C28)

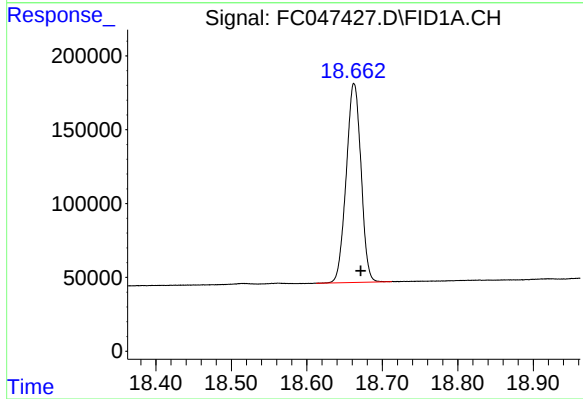
R.T.: 16.953 min
Delta R.T.: -0.008 min
Response: 2043060
Conc: 18.32 ug/ml



#17 n-Tricontane (C30)

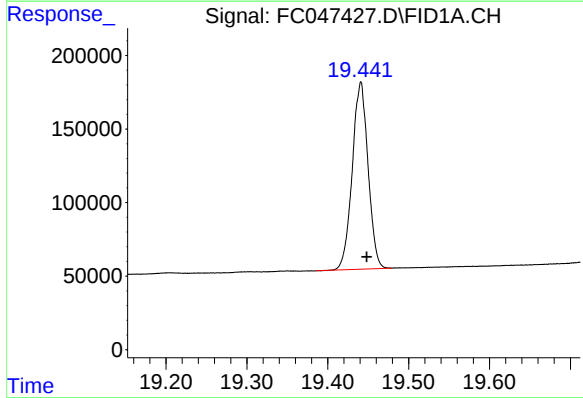
R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 1986730
Conc: 18.37 ug/ml

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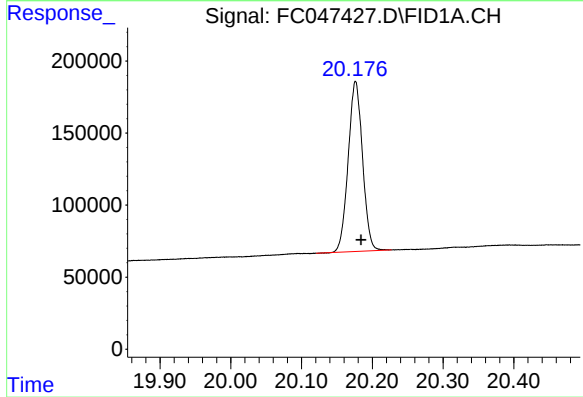
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.009 min
Response: 1832296
Conc: 18.58 ug/ml



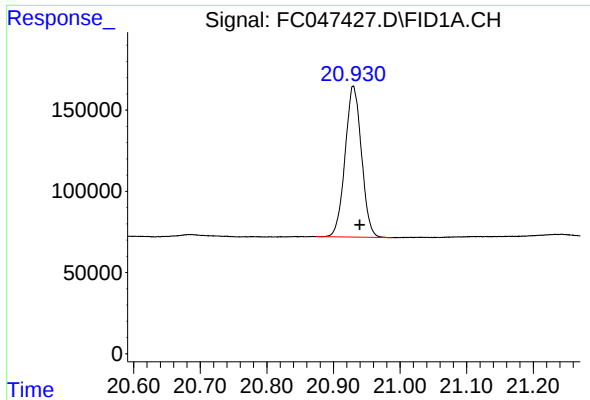
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.007 min
Response: 1725940
Conc: 18.82 ug/ml



#20 n-Hexatriacontane (C36)

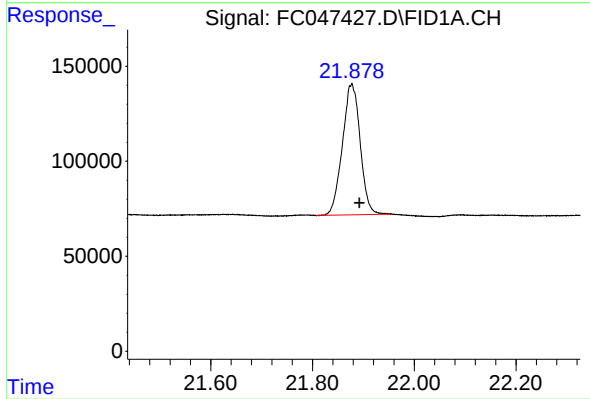
R.T.: 20.176 min
Delta R.T.: -0.008 min
Response: 1662634
Conc: 19.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: -0.010 min
Response: 1589420
Conc: 19.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: -0.015 min
Response: 1669894
Conc: 20.53 ug/ml