

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050120AL\
 Data File : FC047200.D
 Signal(s) : FID1A.CH
 Acq On : 01 May 2020 10:07
 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 01 11:28:55 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)	11.754	2175424	19.550 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.167	1711010	19.159 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.552	1953932	20.239 ug/ml
2) T n-Decane (C10)	4.618	1970997	20.433 ug/ml
3) T A~Naphthalene (C11.7)	6.218	2049599	20.346 ug/ml
4) T n-Dodecane (C12)	6.621	2017959	20.524 ug/ml
5) T A~2-methylnaphthalene...	7.266	2079522	20.848 ug/ml
6) T n-Tetradecane (C14)	8.400	2035344	20.609 ug/ml
7) T n-Hexadecane (C16)	9.989	2045715	20.291 ug/ml
8) T n-Octadecane (C18)	11.421	2053093	19.888 ug/ml
10) T n-Eicosane (C20)	12.721	2041432	19.455 ug/ml
11) T n-Heneicosane (C21)	13.330	2047853	19.252 ug/ml
13) T n-Docosane (C22)	13.912	2034828	19.123 ug/ml
14) T n-Tetracosane (C24)	15.009	2018123	18.765 ug/ml
15) T n-Hexacosane (C26)	16.023	1974258	18.299 ug/ml
16) T n-Octacosane (C28)	16.969	1925846	18.018 ug/ml
17) T n-Tricontane (C30)	17.851	1801524	18.003 ug/ml
18) T n-Dotriacontane (C32)	18.677	1388876	18.226 ug/ml
19) T n-Tetratriacontane (C34)	19.458	1021247	18.174 ug/ml
20) T n-Hexatriacontane (C36)	20.192	880272	17.591 ug/ml
21) T n-Octatriacontane (C38)	20.952	823833	18.168 ug/ml
22) T n-Tetracontane (C40)	21.905	840142	17.910 ug/ml

(f)=RT Delta > 1/2 Window

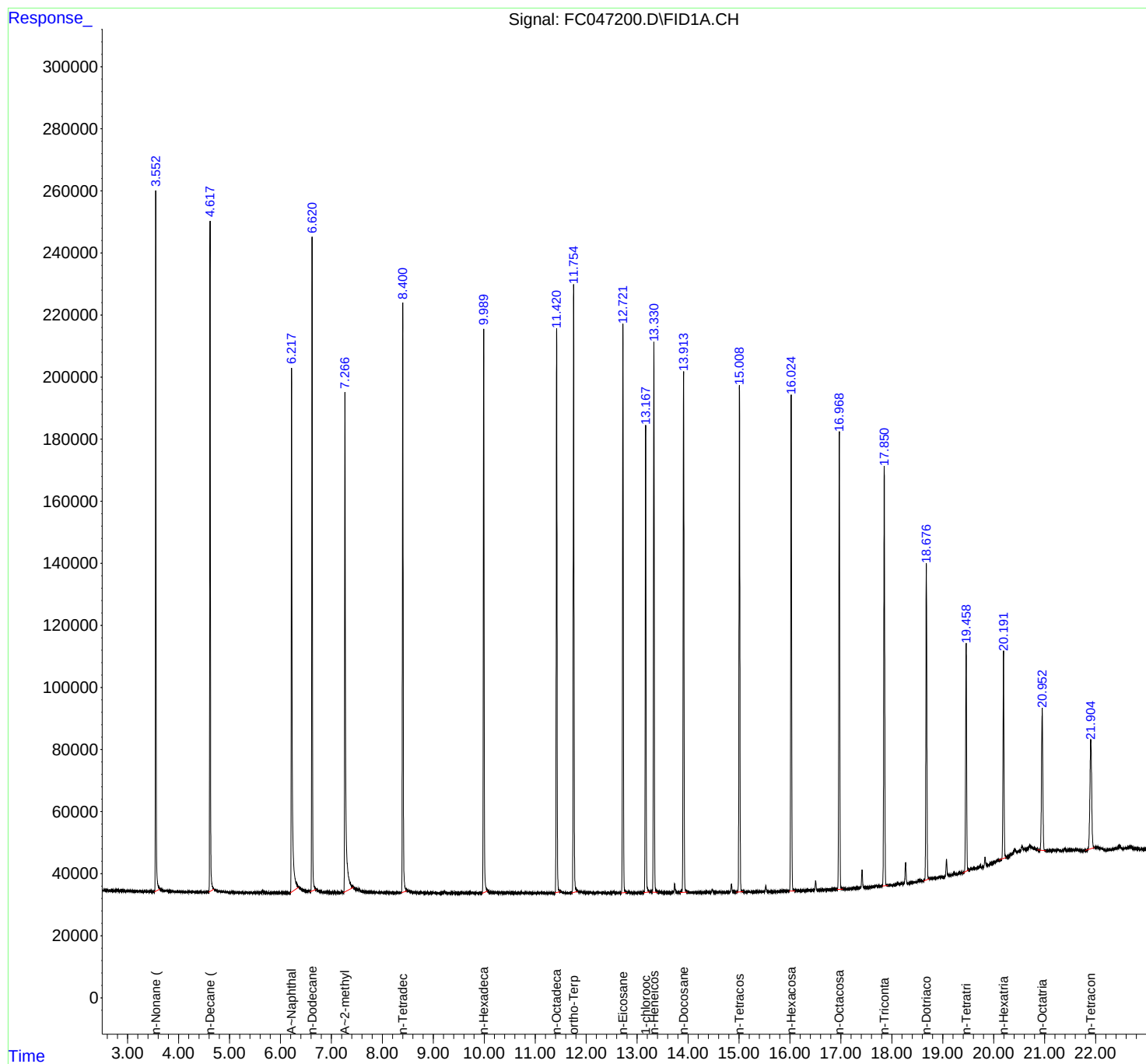
(m)=manual int.

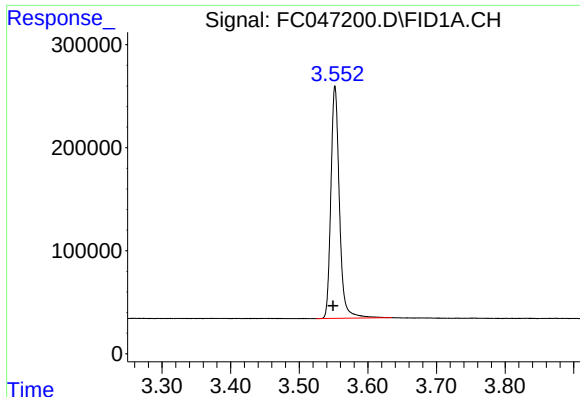
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050120AL\
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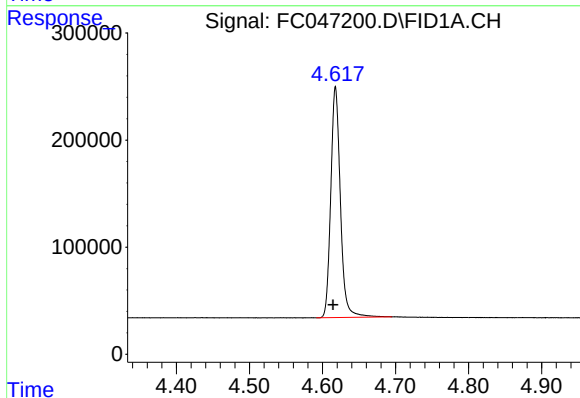




#1 n-Nonane (C9)

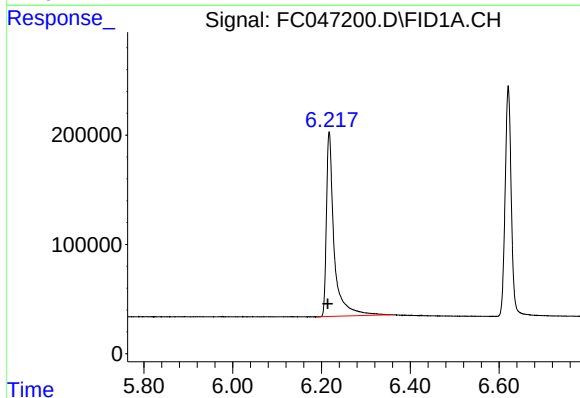
R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 1953932
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



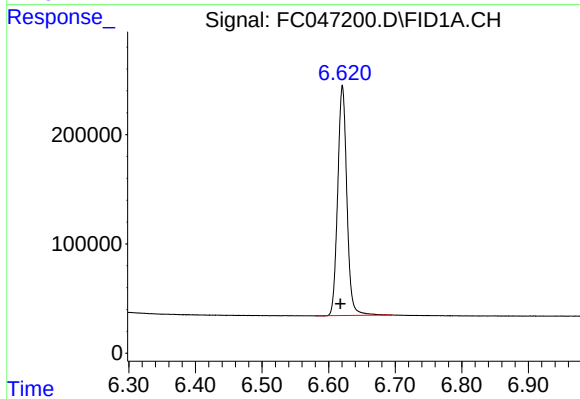
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.004 min
Response: 1970997
Conc: 20.43 ug/ml



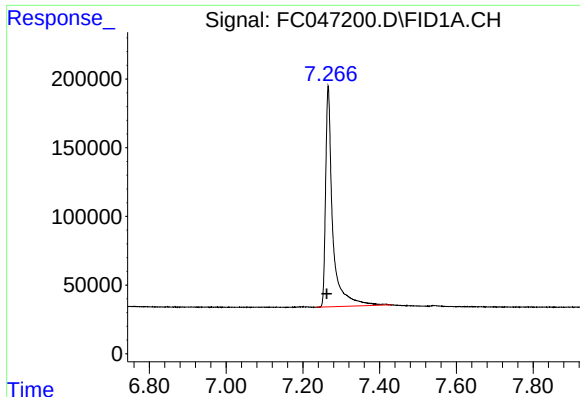
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.004 min
Response: 2049599
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

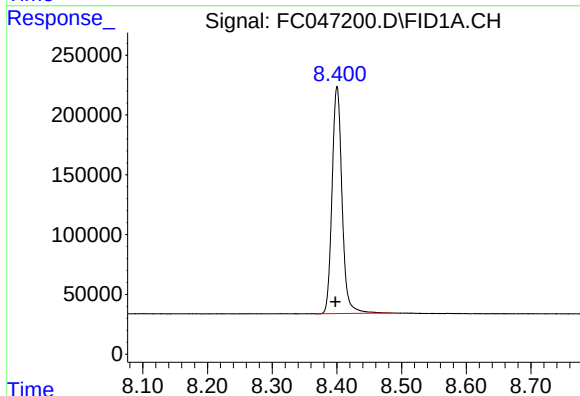
R.T.: 6.621 min
Delta R.T.: 0.003 min
Response: 2017959
Conc: 20.52 ug/ml



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

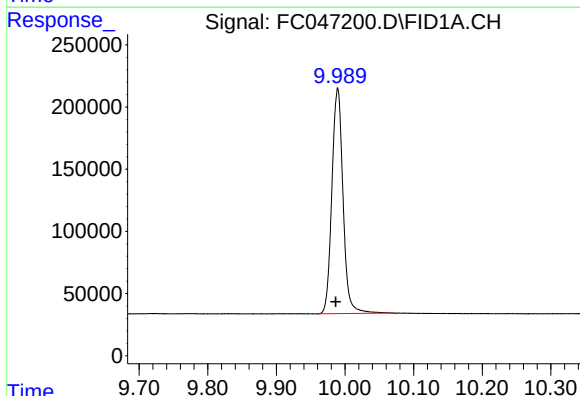
R.T.: 7.266 min
Delta R.T.: 0.004 min
Response: 2079522
Conc: 20.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



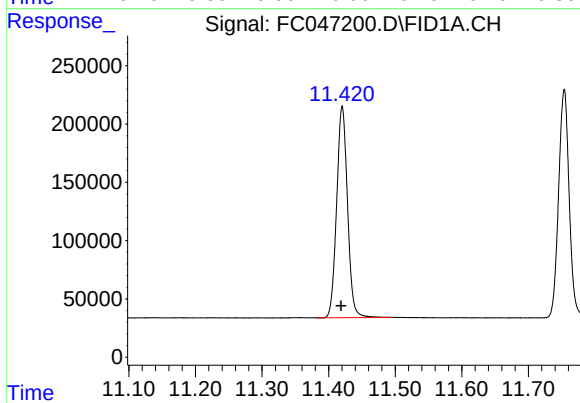
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 2035344
Conc: 20.61 ug/ml



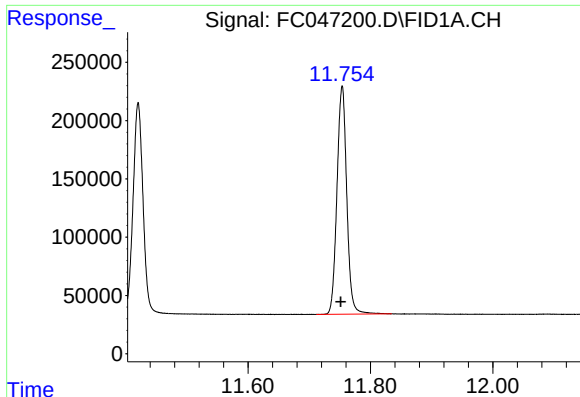
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: 0.003 min
Response: 2045715
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

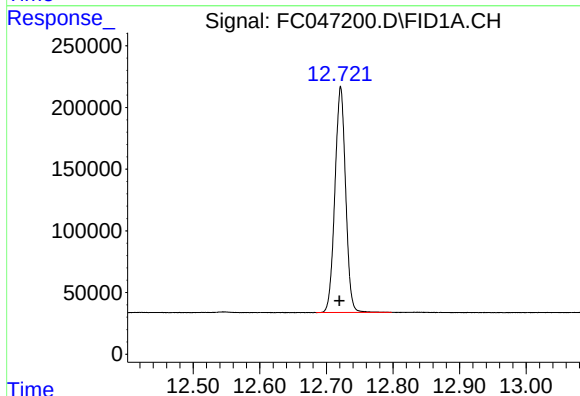
R.T.: 11.421 min
Delta R.T.: 0.002 min
Response: 2053093
Conc: 19.89 ug/ml



#9 ortho-Terphenyl (SURR)

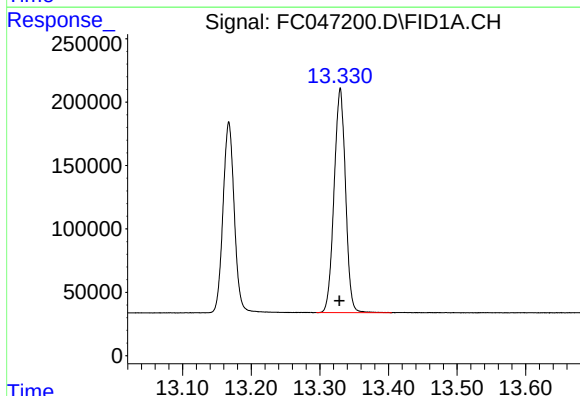
R.T.: 11.754 min
Delta R.T.: 0.002 min
Response: 2175424
Conc: 19.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



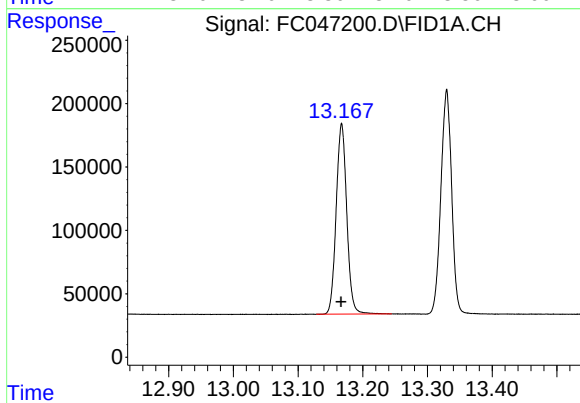
#10 n-Eicosane (C20)

R.T.: 12.721 min
Delta R.T.: 0.002 min
Response: 2041432
Conc: 19.46 ug/ml



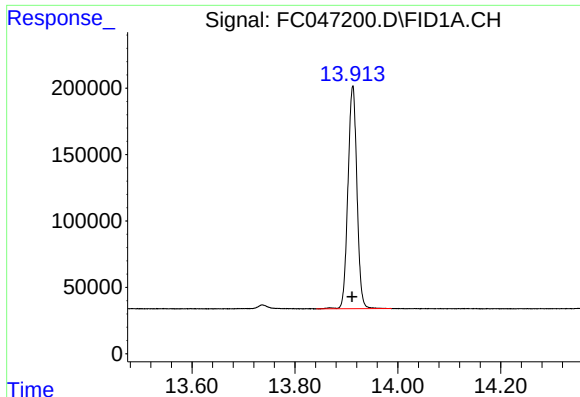
#11 n-Heneicosane (C21)

R.T.: 13.330 min
Delta R.T.: 0.001 min
Response: 2047853
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

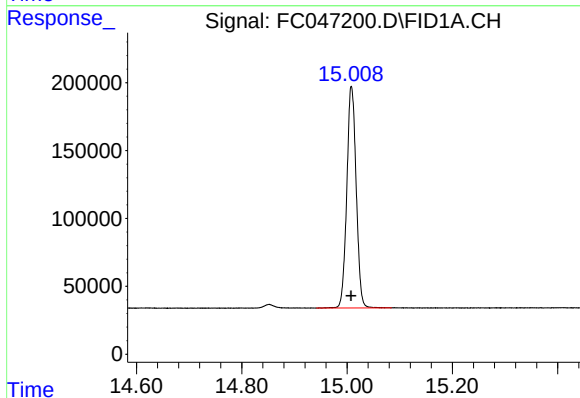
R.T.: 13.167 min
Delta R.T.: 0.000 min
Response: 1711010
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

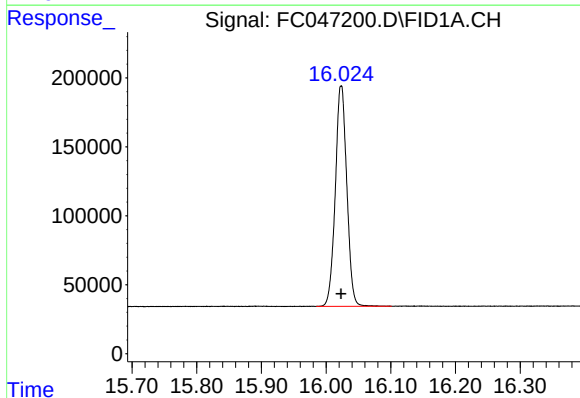
R.T.: 13.912 min
Delta R.T.: 0.001 min
Response: 2034828
Conc: 19.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



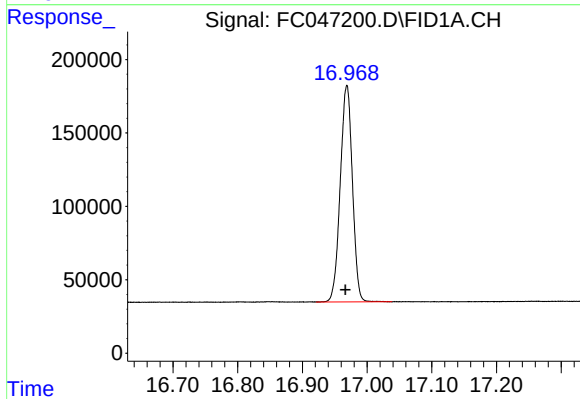
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.001 min
Response: 2018123
Conc: 18.77 ug/ml



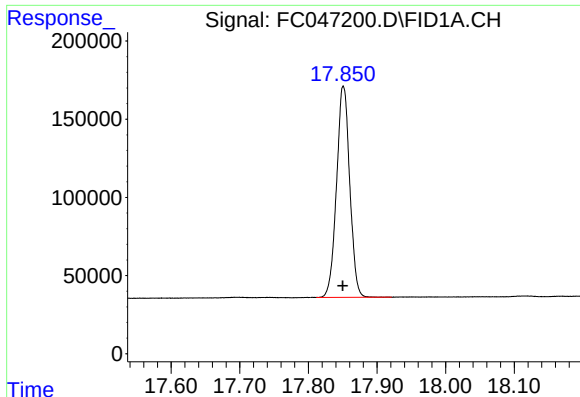
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 1974258
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

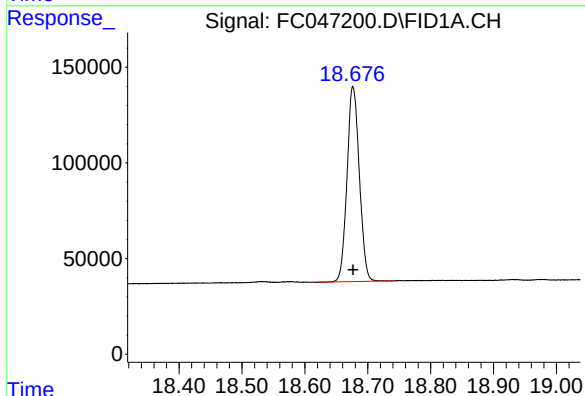
R.T.: 16.969 min
Delta R.T.: 0.002 min
Response: 1925846
Conc: 18.02 ug/ml



#17 n-Tricontane (C30)

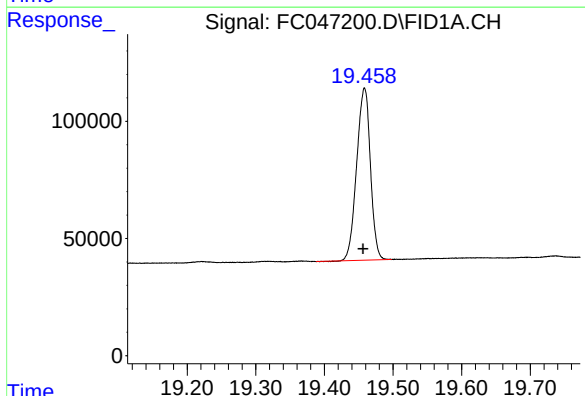
R.T.: 17.851 min
Delta R.T.: 0.001 min
Response: 1801524
Conc: 18.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



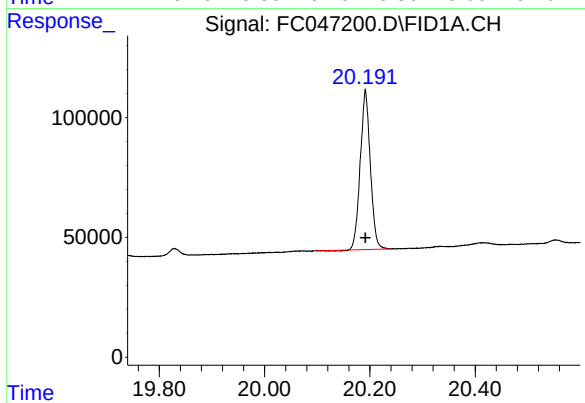
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: 0.000 min
Response: 1388876
Conc: 18.23 ug/ml



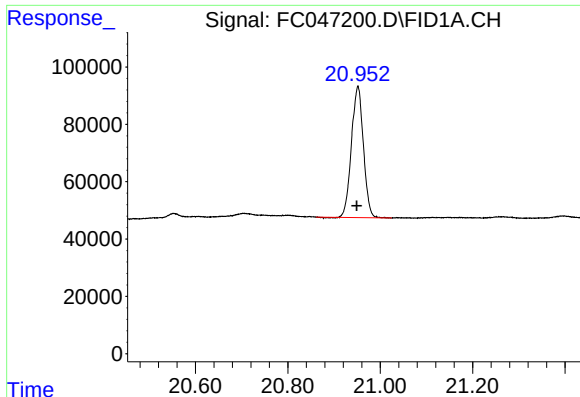
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: 0.002 min
Response: 1021247
Conc: 18.17 ug/ml



#20 n-Hexatriacontane (C36)

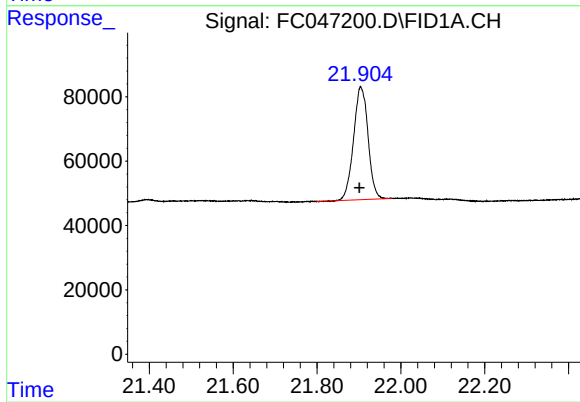
R.T.: 20.192 min
Delta R.T.: 0.000 min
Response: 880272
Conc: 17.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.003 min
Response: 823833
Conc: 18.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: 0.003 min
Response: 840142
Conc: 17.91 ug/ml