

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091120AL\
 Data File : FC049547.D
 Signal(s) : FID1A.CH
 Acq On : 11 Sep 2020 19:14
 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: sample.E
 Quant Time: Sep 12 00:50:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.664	2399897	20.888 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
12) S 1-chlorooctadecane (S...	13.097	1856190	20.839 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	3.403	2219163	21.451 ug/ml
2) T n-Decane (C10)	4.476	2250731	21.669 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2500172	21.745 ug/ml
4) T n-Dodecane (C12)	6.499	2289180	21.656 ug/ml
5) T A~2-methylnaphthalene...	7.130	2534223	21.675 ug/ml
6) T n-Tetradecane (C14)	8.297	2263773	21.458 ug/ml
7) T n-Hexadecane (C16)	9.899	2203010	21.169 ug/ml
8) T n-Octadecane (C18)	11.341	2265860	21.084 ug/ml
10) T n-Eicosane (C20)	12.650	2242027	20.938 ug/ml
11) T n-Heneicosane (C21)	13.262	2221320	20.874 ug/ml
13) T n-Docosane (C22)	13.849	2214197	20.924 ug/ml
14) T n-Tetracosane (C24)	14.951	2173767	20.773 ug/ml
15) T n-Hexacosane (C26)	15.969	2123575	20.773 ug/ml
16) T n-Octacosane (C28)	16.919	2094384	20.840 ug/ml
17) T n-Tricontane (C30)	17.806	2052371	21.079 ug/ml
18) T n-Dotriacontane (C32)	18.636	1923074	21.282 ug/ml
19) T n-Tetratriacontane (C34)	19.417	1849936	21.611 ug/ml
20) T n-Hexatriacontane (C36)	20.156	1760972	21.858 ug/ml
21) T n-Octatriacontane (C38)	20.907	1674471	22.118 ug/ml
22) T n-Tetracontane (C40)	21.850	1700026	21.848 ug/ml

(f)=RT Delta > 1/2 Window

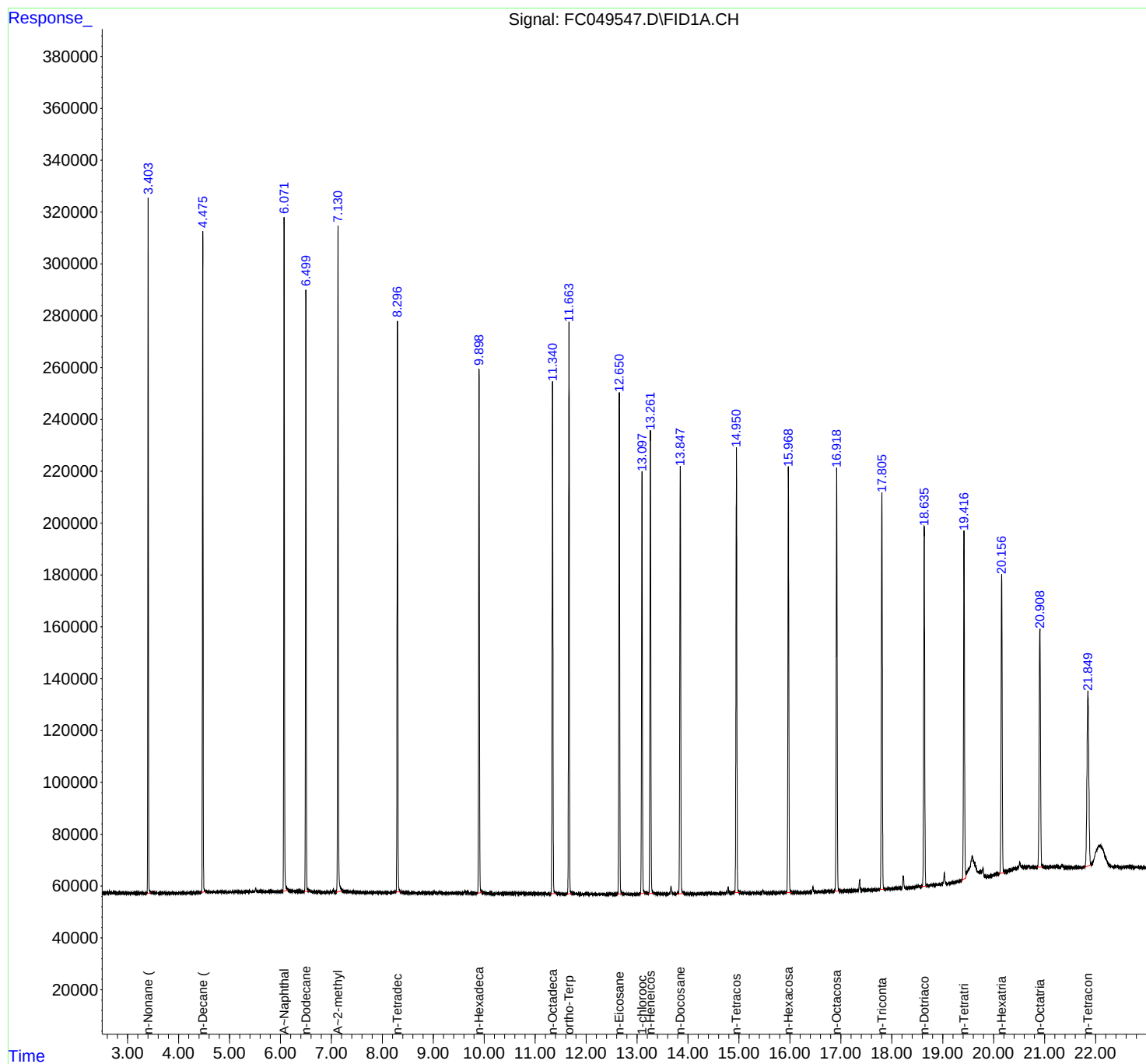
(m)=manual int.

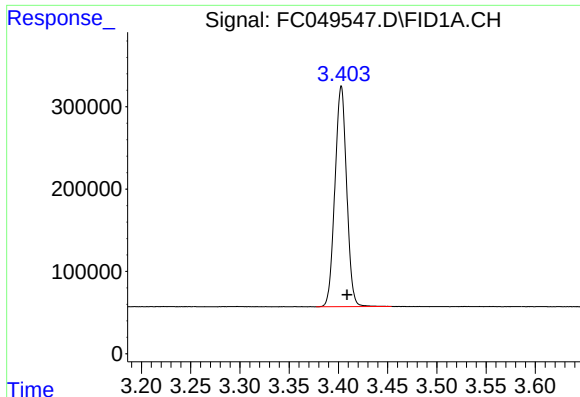
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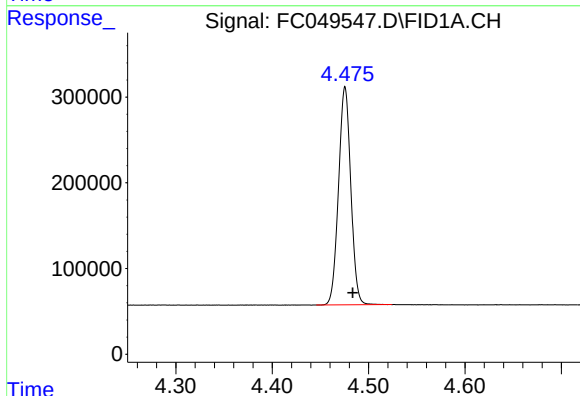




#1 n-Nonane (C9)

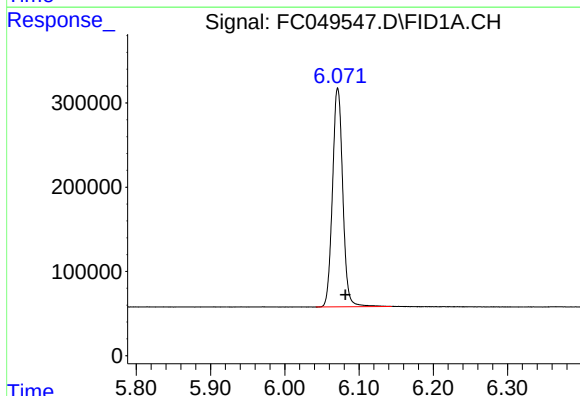
R.T.: 3.403 min
Delta R.T.: -0.006 min
Response: 2219163
Conc: 21.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



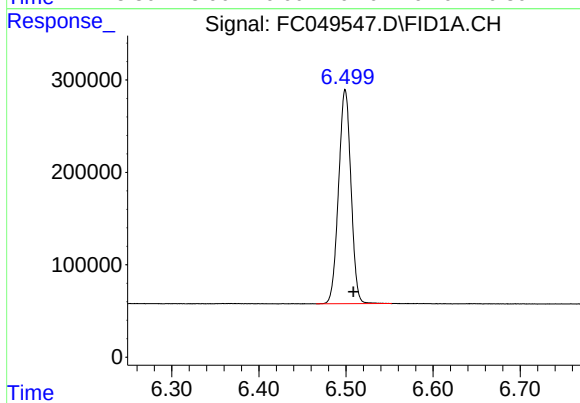
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.008 min
Response: 2250731
Conc: 21.67 ug/ml



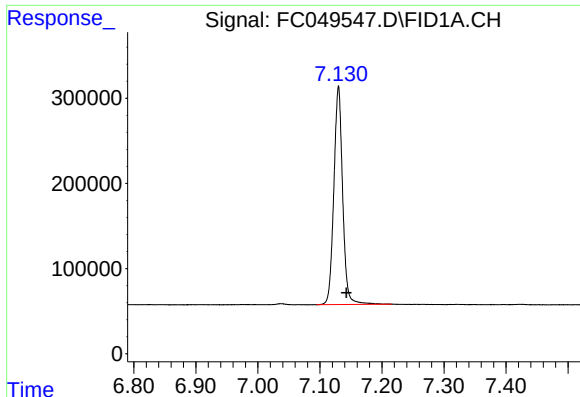
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.010 min
Response: 2500172
Conc: 21.74 ug/ml



#4 n-Dodecane (C12)

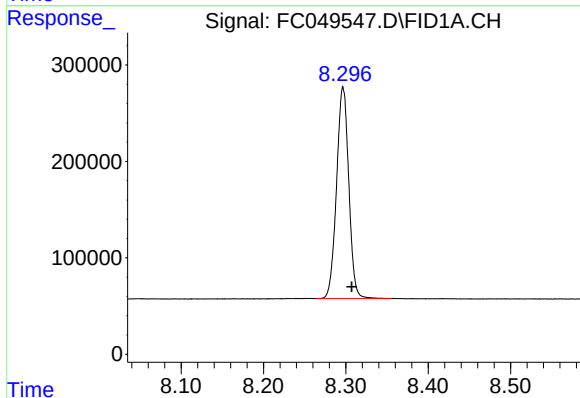
R.T.: 6.499 min
Delta R.T.: -0.010 min
Response: 2289180
Conc: 21.66 ug/ml



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

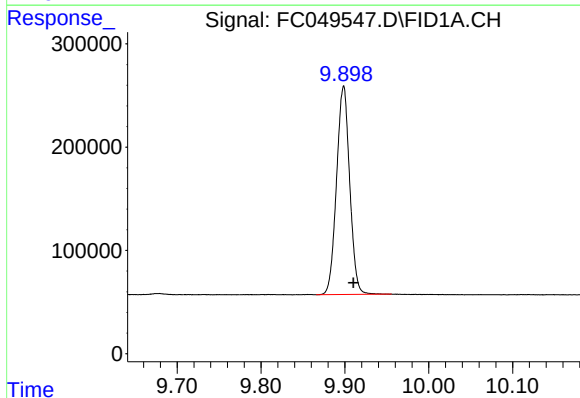
R.T.: 7.130 min
Delta R.T.: -0.013 min
Response: 2534223
Conc: 21.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



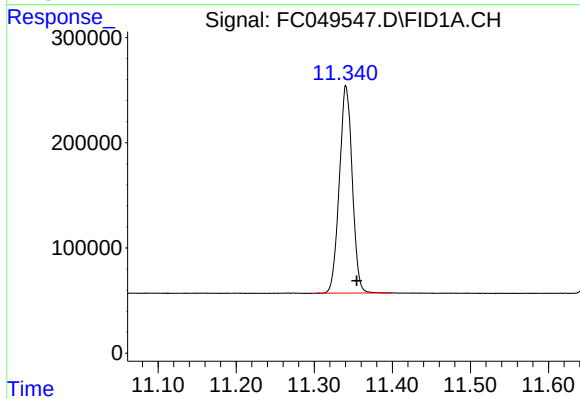
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: -0.011 min
Response: 2263773
Conc: 21.46 ug/ml



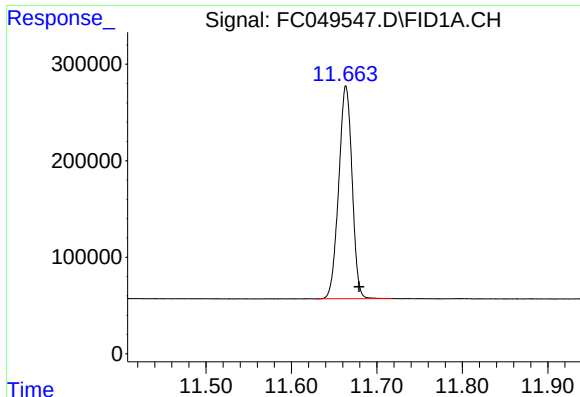
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.012 min
Response: 2203010
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

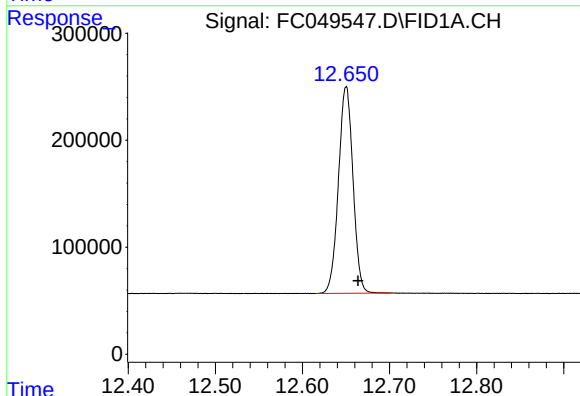
R.T.: 11.341 min
Delta R.T.: -0.014 min
Response: 2265860
Conc: 21.08 ug/ml



#9 ortho-Terphenyl (SURR)

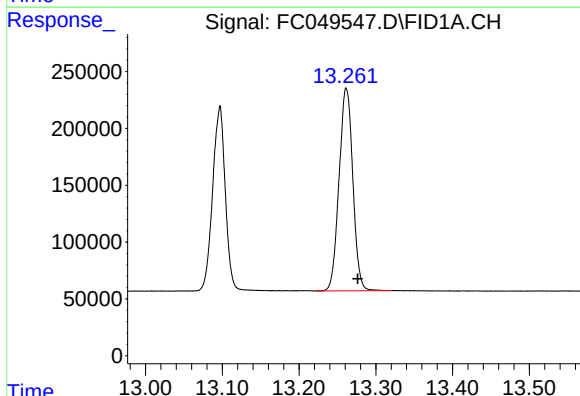
R.T.: 11.664 min
Delta R.T.: -0.015 min
Response: 2399897
Conc: 20.89 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



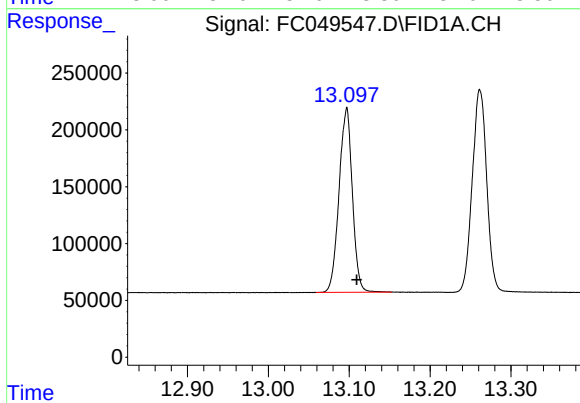
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: -0.014 min
Response: 2242027
Conc: 20.94 ug/ml



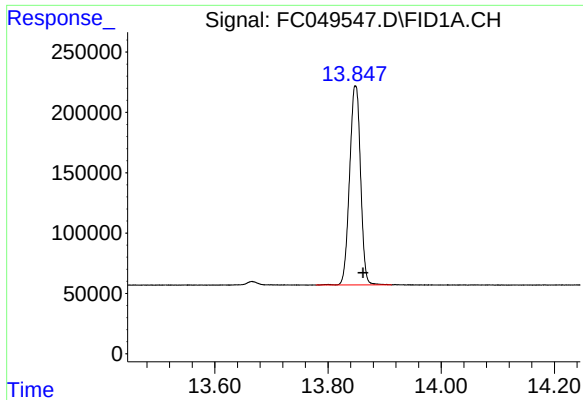
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: -0.015 min
Response: 2221320
Conc: 20.87 ug/ml



#12 1-chlorooctadecane (SURR)

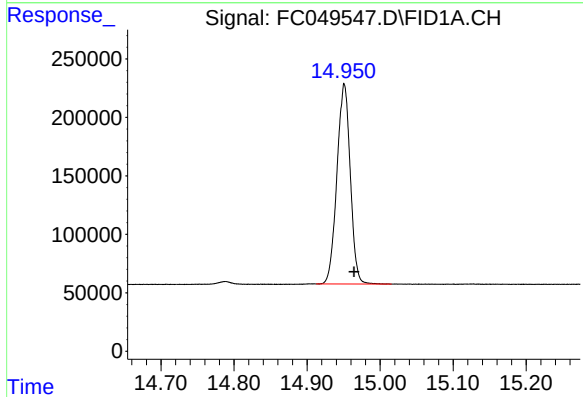
R.T.: 13.097 min
Delta R.T.: -0.012 min
Response: 1856190
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

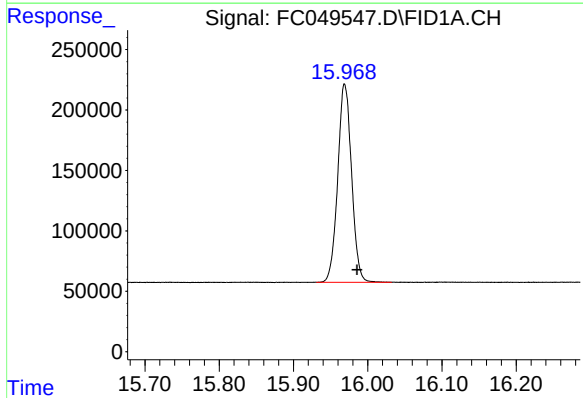
R.T.: 13.849 min
Delta R.T.: -0.013 min
Response: 2214197
Conc: 20.92 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



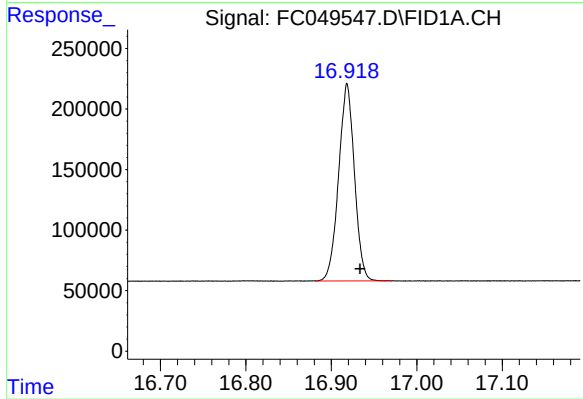
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.013 min
Response: 2173767
Conc: 20.77 ug/ml



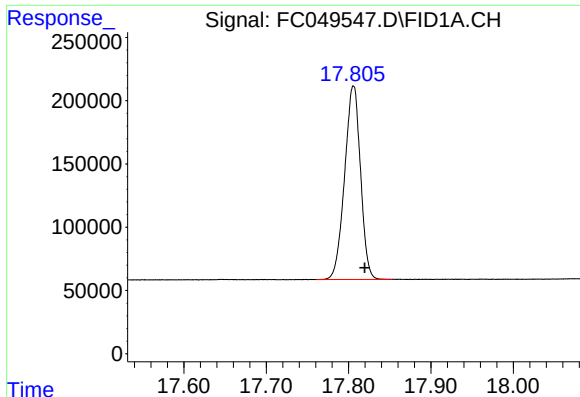
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: -0.017 min
Response: 2123575
Conc: 20.77 ug/ml



#16 n-Octacosane (C28)

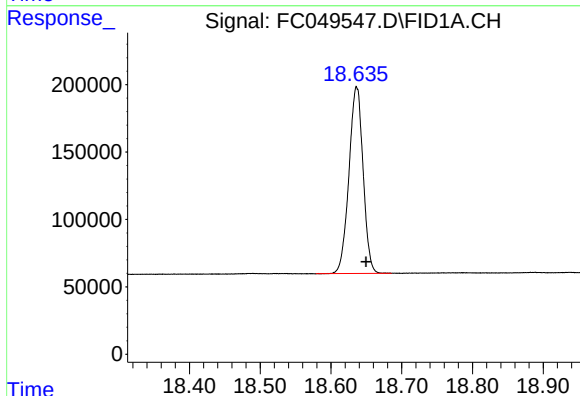
R.T.: 16.919 min
Delta R.T.: -0.015 min
Response: 2094384
Conc: 20.84 ug/ml



#17 n-Tricontane (C30)

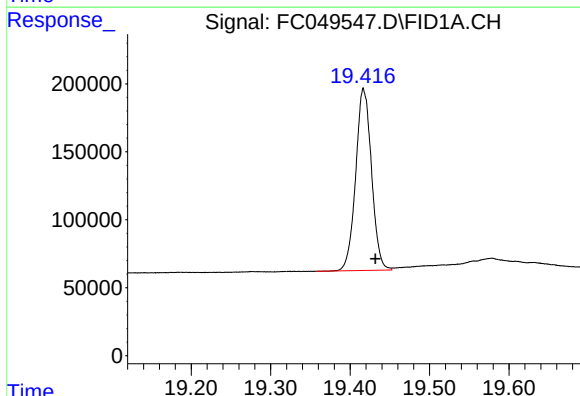
R.T.: 17.806 min
Delta R.T.: -0.013 min
Response: 2052371
Conc: 21.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



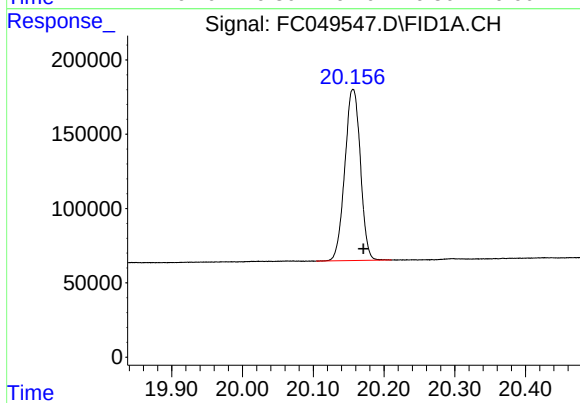
#18 n-Dotriacontane (C32)

R.T.: 18.636 min
Delta R.T.: -0.013 min
Response: 1923074
Conc: 21.28 ug/ml



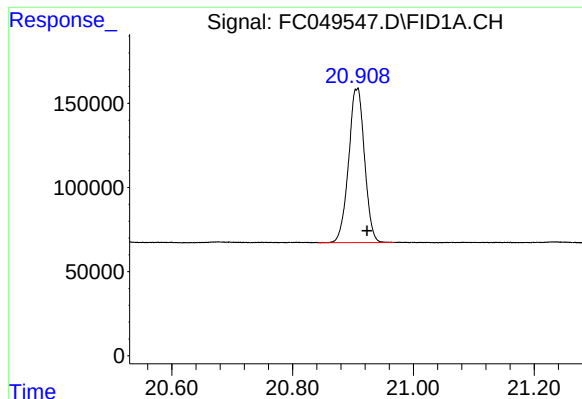
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.015 min
Response: 1849936
Conc: 21.61 ug/ml



#20 n-Hexatriacontane (C36)

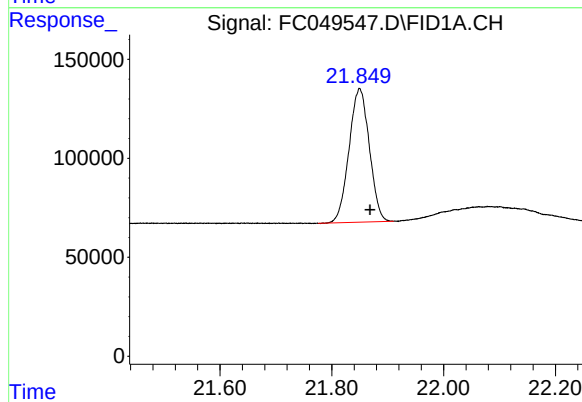
R.T.: 20.156 min
Delta R.T.: -0.015 min
Response: 1760972
Conc: 21.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: -0.016 min
Response: 1674471
Conc: 22.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.850 min
Delta R.T.: -0.019 min
Response: 1700026
Conc: 21.85 ug/ml