

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030323AL\
 Data File : FC063090.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2023 16:31
 Operator : YP/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: Mar 03 22:59:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.533	2390540	18.417 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	12.972	1820909	18.667 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
Target Compounds			
1) T n-Nonane (C9)	3.297	2134113	18.001 ug/ml
2) T n-Decane (C10)	4.363	2110692	18.304 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2342595	18.317 ug/ml
4) T n-Dodecane (C12)	6.383	2119655	18.356 ug/ml
5) T A~2-methylnaphthalene...	7.004	2176016	18.487 ug/ml
6) T n-Tetradecane (C14)	8.177	2100771	18.588 ug/ml
7) T n-Hexadecane (C16)	9.778	2146076	18.656 ug/ml
8) T n-Octadecane (C18)	11.219	2189747	18.800 ug/ml
10) T n-Eicosane (C20)	12.527	2144707	18.822 ug/ml
11) T n-Heneicosane (C21)	13.139	2132708	18.714 ug/ml
13) T n-Docosane (C22)	13.726	2150996	19.072 ug/ml
14) T n-Tetracosane (C24)	14.827	2289761	20.433 ug/ml
15) T n-Hexacosane (C26)	15.846	2325951	21.032 ug/ml
16) T n-Octacosane (C28)	16.794	2441838	22.192 ug/ml
17) T n-Tricontane (C30)	17.678	2605025	23.655 ug/ml
18) T n-Dotriacontane (C32)	18.510	2641855	23.671 ug/ml
19) T n-Tetratriacontane (C34)	19.292	2424587	21.694 ug/ml
20) T n-Hexatriacontane (C36)	20.030	2225861	20.504 ug/ml
21) T n-Octatriacontane (C38)	20.757	2142023	19.712 ug/ml
22) T n-Tetracontane (C40)	21.655	2095339	19.260 ug/ml

(f)=RT Delta > 1/2 Window

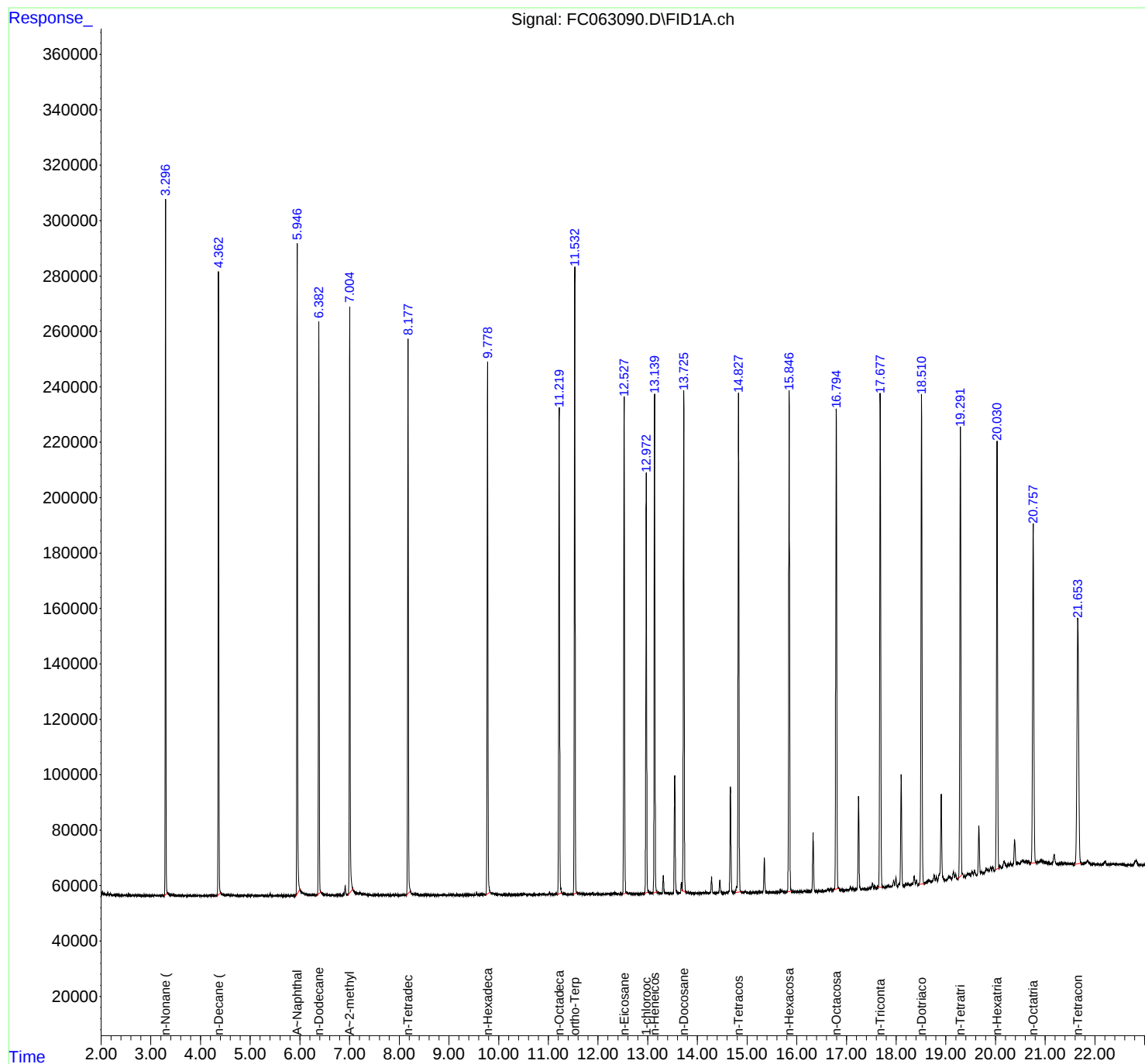
(m)=manual int.

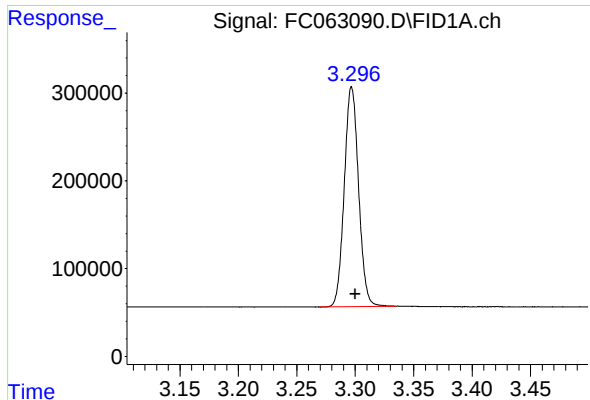
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030323AL\
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Signal Info : 20M x 0.18mm x 0.18um

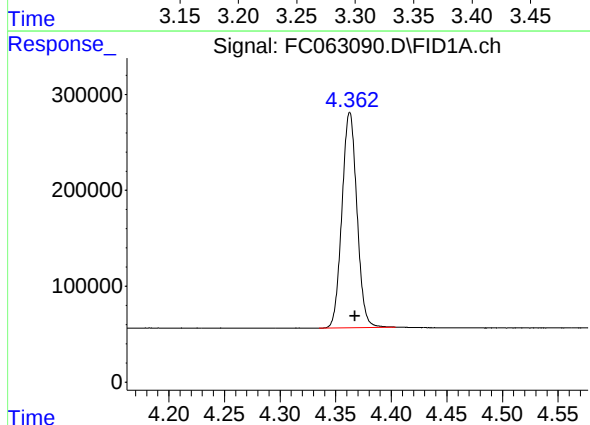




#1 n-Nonane (C9)

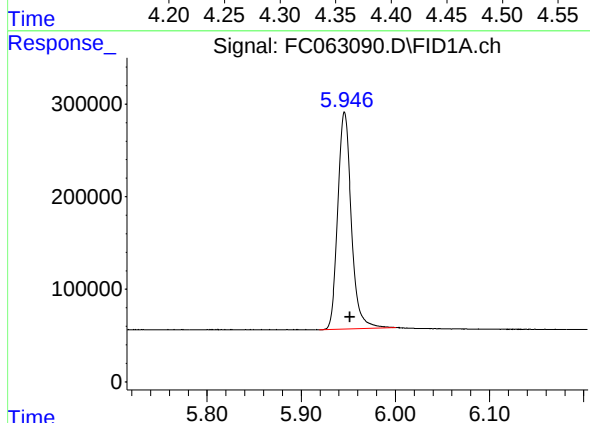
R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 2134113
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



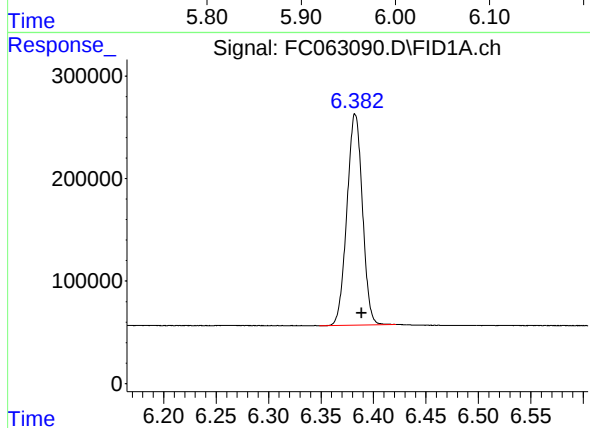
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.005 min
Response: 2110692
Conc: 18.30 ug/ml



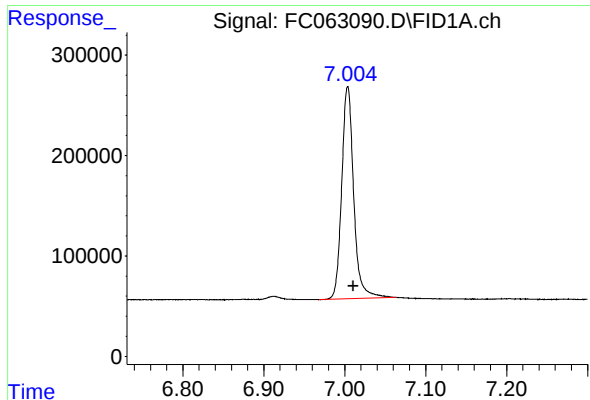
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 2342595
Conc: 18.32 ug/ml



#4 n-Dodecane (C12)

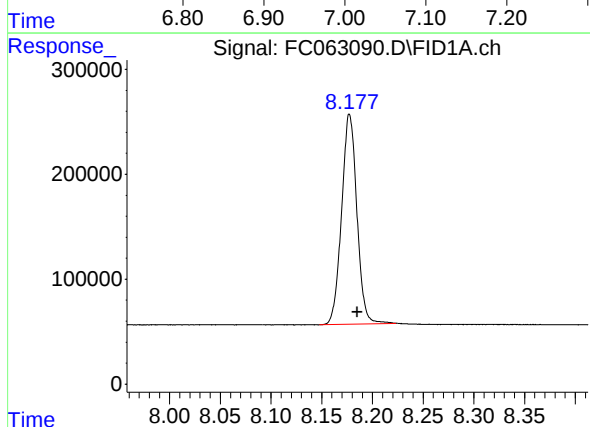
R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2119655
Conc: 18.36 ug/ml



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

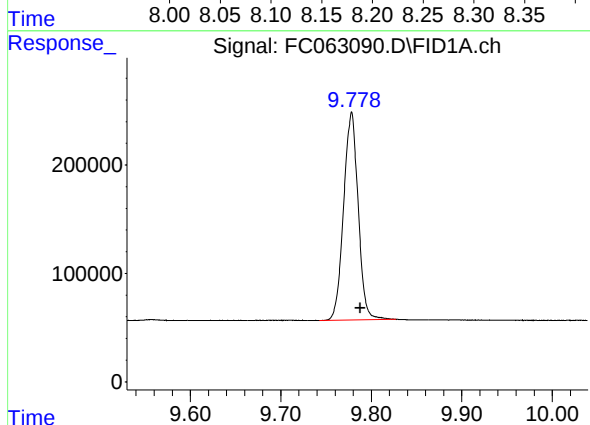
R.T.: 7.004 min
Delta R.T.: -0.007 min
Response: 2176016
Conc: 18.49 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



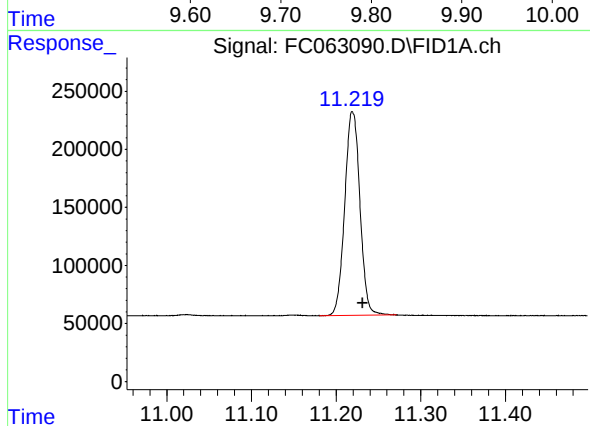
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 2100771
Conc: 18.59 ug/ml



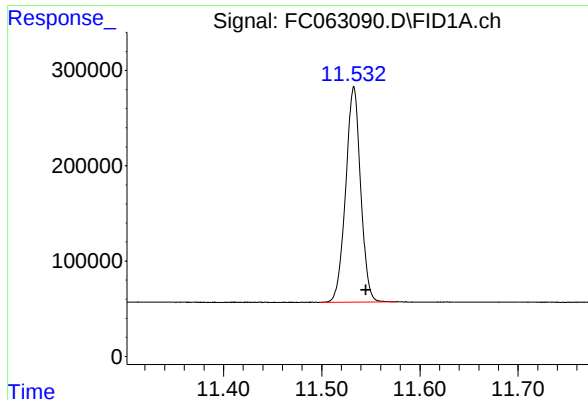
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.010 min
Response: 2146076
Conc: 18.66 ug/ml



#8 n-Octadecane (C18)

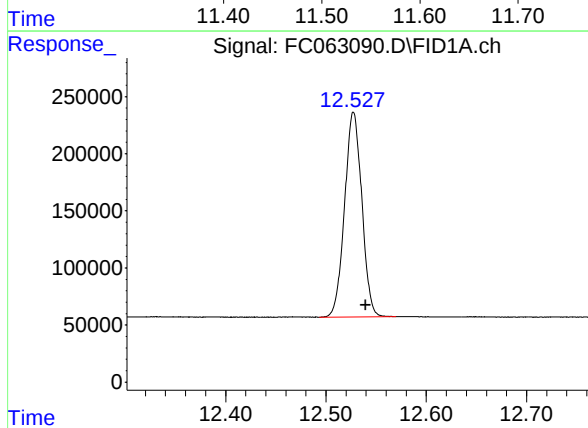
R.T.: 11.219 min
Delta R.T.: -0.012 min
Response: 2189747
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

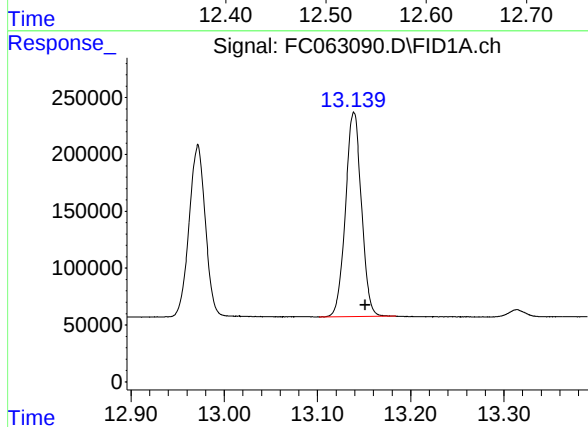
R.T.: 11.533 min
Delta R.T.: -0.012 min
Response: 2390540
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



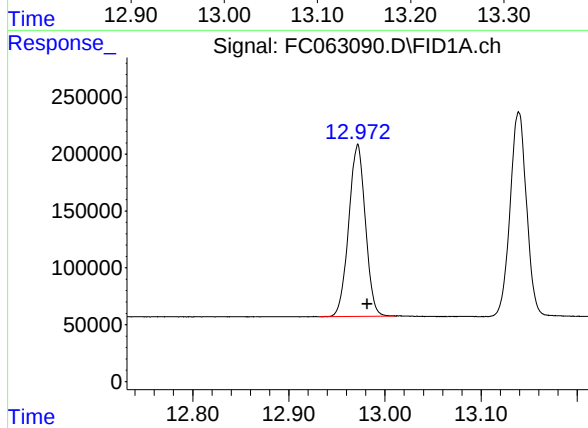
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.012 min
Response: 2144707
Conc: 18.82 ug/ml



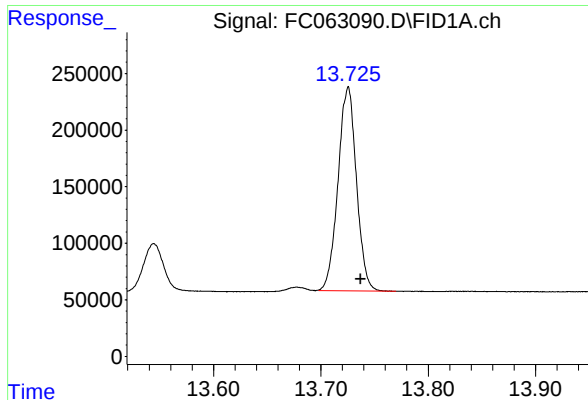
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.012 min
Response: 2132708
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

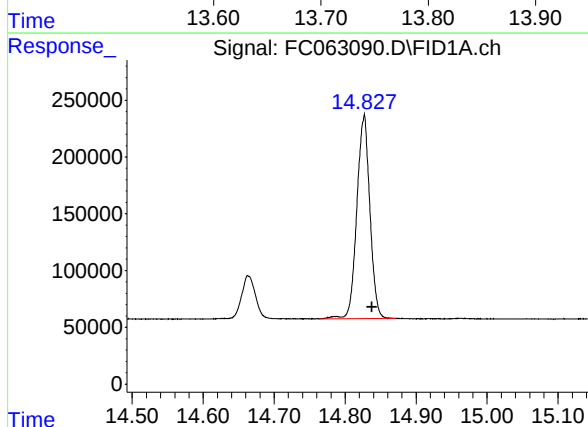
R.T.: 12.972 min
Delta R.T.: -0.010 min
Response: 1820909
Conc: 18.67 ug/ml



#13 n-Docosane (C22)

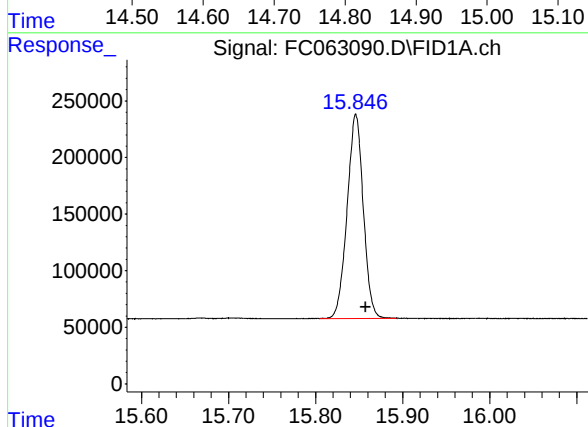
R.T.: 13.726 min
Delta R.T.: -0.011 min
Response: 2150996
Conc: 19.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



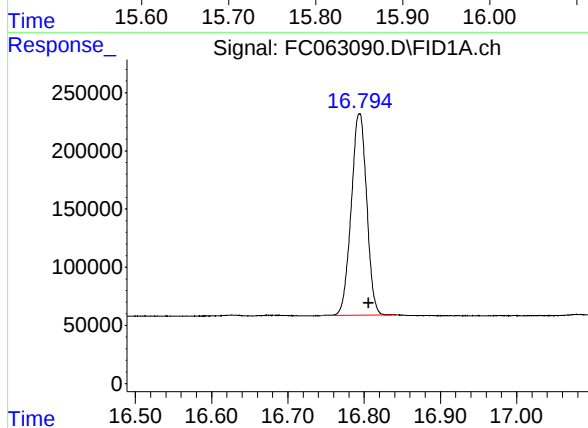
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.011 min
Response: 2289761
Conc: 20.43 ug/ml



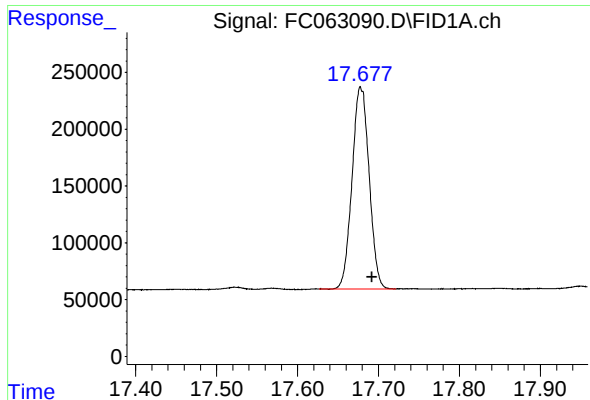
#15 n-Hexacosane (C26)

R.T.: 15.846 min
Delta R.T.: -0.011 min
Response: 2325951
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

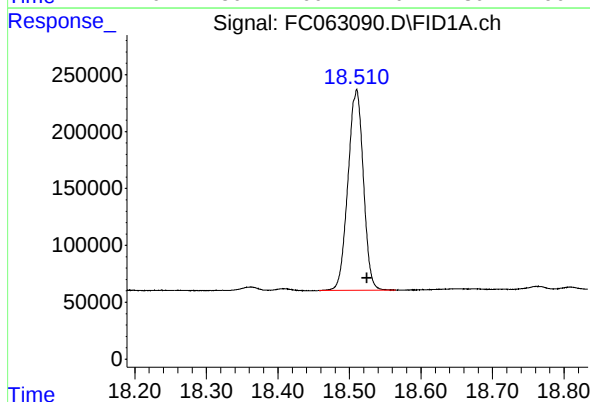
R.T.: 16.794 min
Delta R.T.: -0.012 min
Response: 2441838
Conc: 22.19 ug/ml



#17 n-Tricontane (C30)

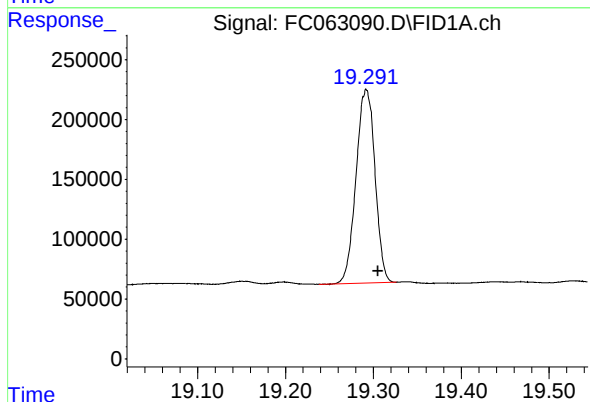
R.T.: 17.678 min
Delta R.T.: -0.014 min
Response: 2605025
Conc: 23.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



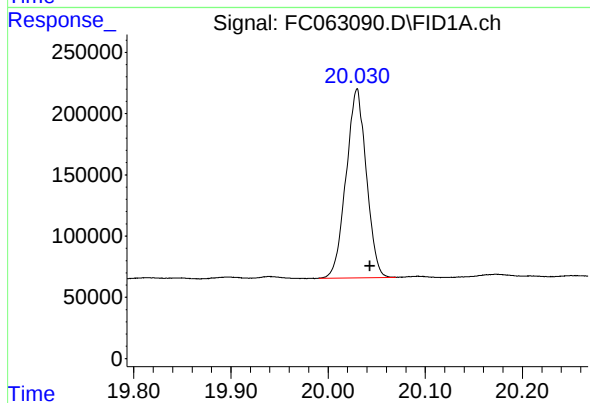
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: -0.015 min
Response: 2641855
Conc: 23.67 ug/ml



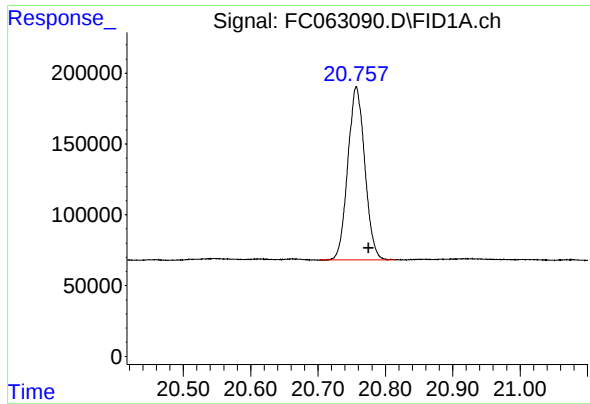
#19 n-Tetatriacontane (C34)

R.T.: 19.292 min
Delta R.T.: -0.013 min
Response: 2424587
Conc: 21.69 ug/ml



#20 n-Hexatriacontane (C36)

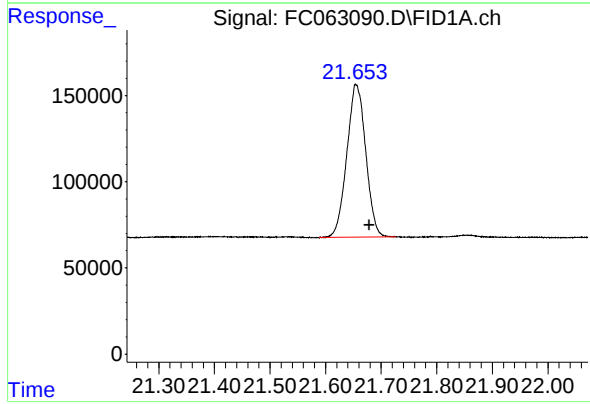
R.T.: 20.030 min
Delta R.T.: -0.013 min
Response: 2225861
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.757 min
Delta R.T.: -0.019 min
Response: 2142023
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.655 min
Delta R.T.: -0.024 min
Response: 2095339
Conc: 19.26 ug/ml