

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
 Data File : FC057052.D
 Signal(s) : FID1A.CH
 Acq On : 24 Nov 2021 7:38
 Operator : AJ\MA
 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: Nov 24 08:04:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 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)	11.589	2291856	19.749 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
12) S 1-chlorooctadecane (S...	13.022	1789455	19.656 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.355	2057352	20.303 ug/ml
2) T n-Decane (C10)	4.422	2067849	20.650 ug/ml
3) T A~Naphthalene (C11.7)	6.010	2316787	20.748 ug/ml
4) T n-Dodecane (C12)	6.439	2097235	20.684 ug/ml
5) T A~2-methylnaphthalene...	7.065	2324589	21.083 ug/ml
6) T n-Tetradecane (C14)	8.232	2105271	20.778 ug/ml
7) T n-Hexadecane (C16)	9.831	2119472	20.654 ug/ml
8) T n-Octadecane (C18)	11.270	2173956	20.291 ug/ml
10) T n-Eicosane (C20)	12.577	2132596	19.939 ug/ml
11) T n-Heneicosane (C21)	13.188	2130680	19.675 ug/ml
13) T n-Docosane (C22)	13.772	2090368	19.512 ug/ml
14) T n-Tetracosane (C24)	14.872	2040808	18.852 ug/ml
15) T n-Hexacosane (C26)	15.890	1949647	18.304 ug/ml
16) T n-Octacosane (C28)	16.836	1902723	17.838 ug/ml
17) T n-Tricontane (C30)	17.722	1855394	17.408 ug/ml
18) T n-Dotriacontane (C32)	18.549	1803797	17.101 ug/ml
19) T n-Tetratriacontane (C34)	19.329	1779686	17.131 ug/ml
20) T n-Hexatriacontane (C36)	20.065	1733491	17.162 ug/ml
21) T n-Octatriacontane (C38)	20.795	1702821	18.550 ug/ml
22) T n-Tetracontane (C40)	21.698	1750983	19.437 ug/ml

(f)=RT Delta > 1/2 Window

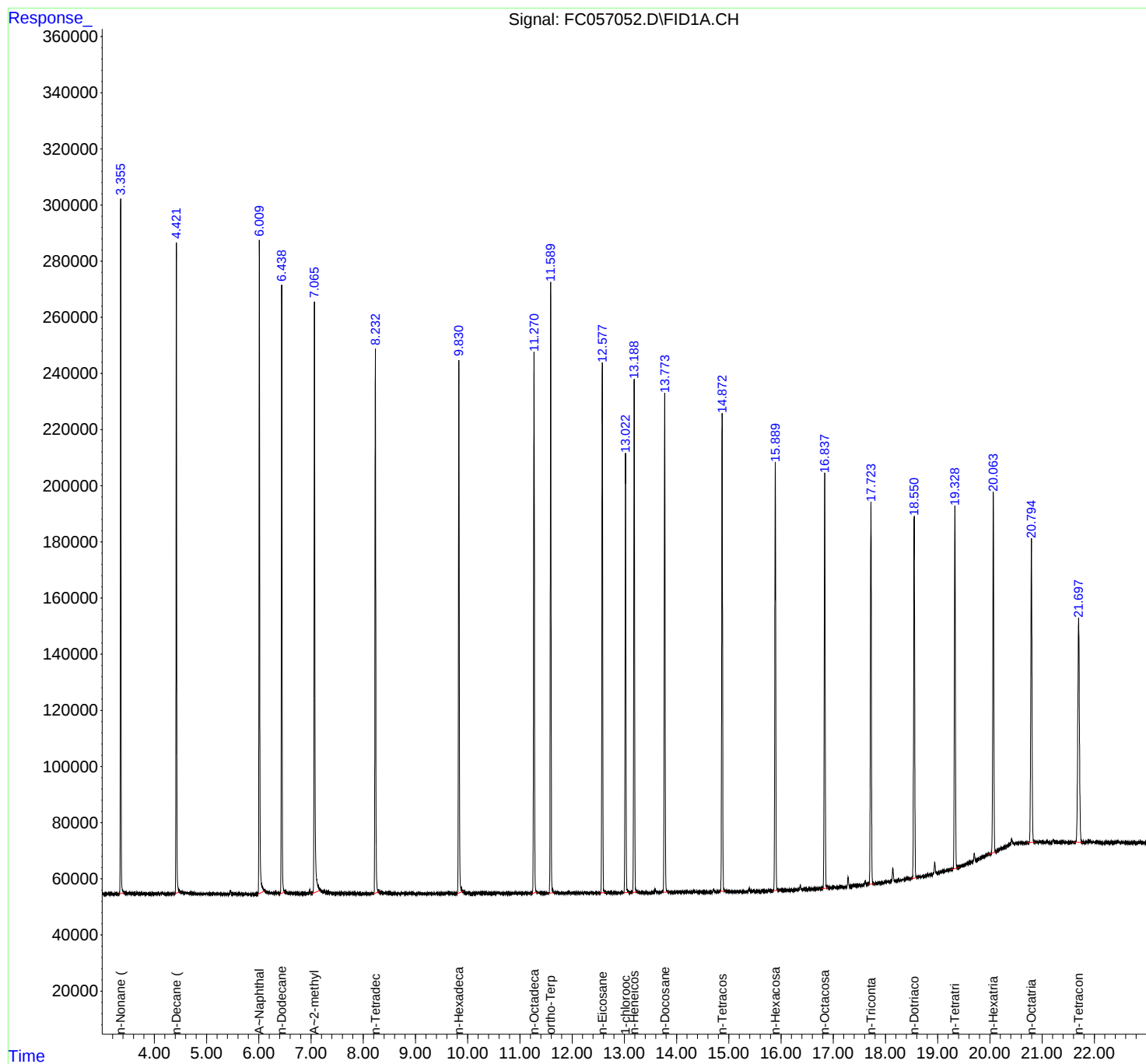
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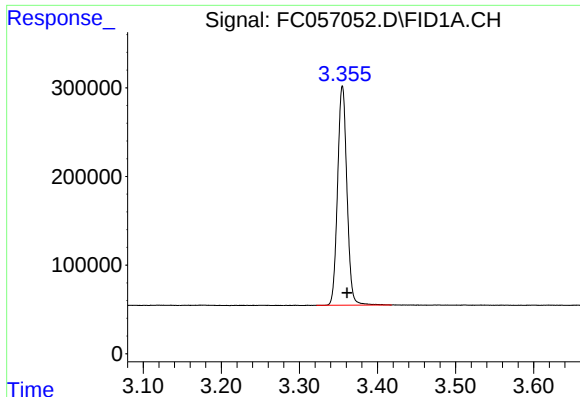
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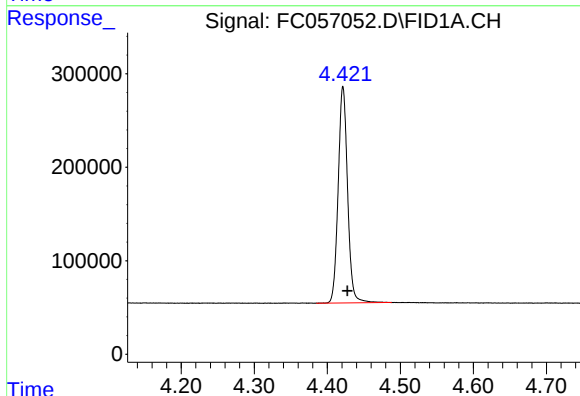




#1 n-Nonane (C9)

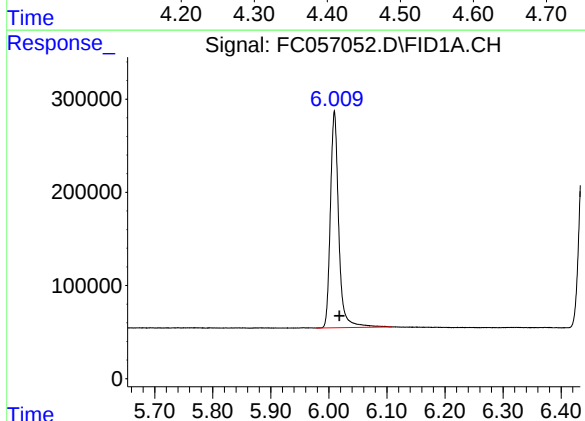
R.T.: 3.355 min
Delta R.T.: -0.006 min
Response: 2057352
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



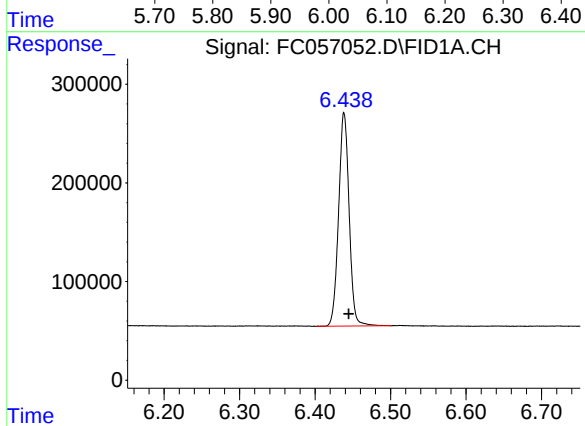
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: -0.006 min
Response: 2067849
Conc: 20.65 ug/ml



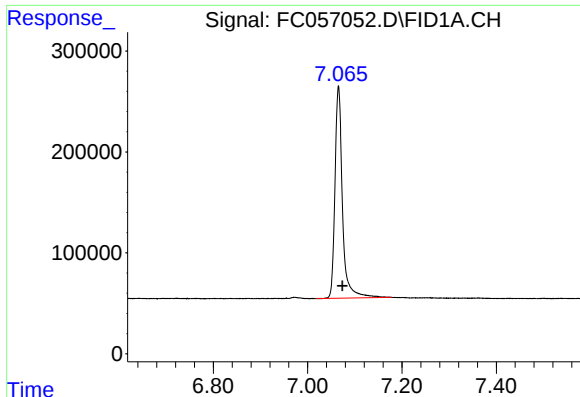
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.008 min
Response: 2316787
Conc: 20.75 ug/ml



#4 n-Dodecane (C12)

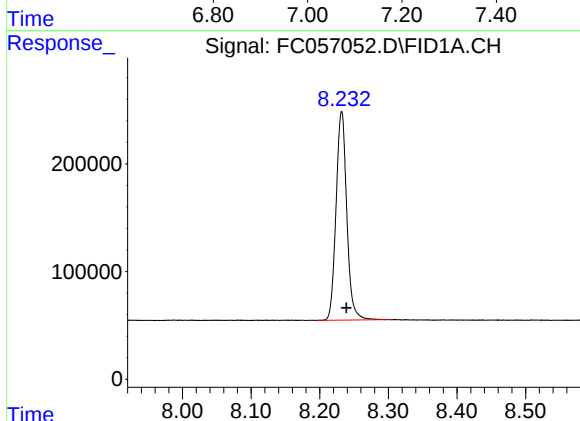
R.T.: 6.439 min
Delta R.T.: -0.006 min
Response: 2097235
Conc: 20.68 ug/ml



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

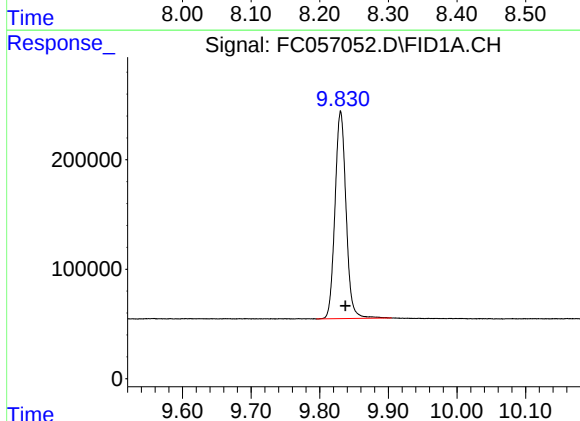
R.T.: 7.065 min
Delta R.T.: -0.008 min
Response: 2324589
Conc: 21.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



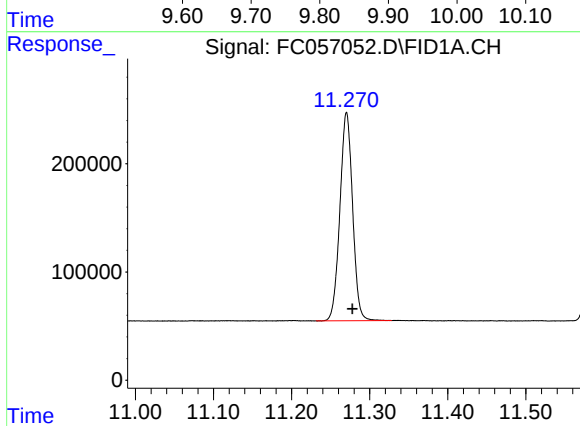
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: -0.007 min
Response: 2105271
Conc: 20.78 ug/ml



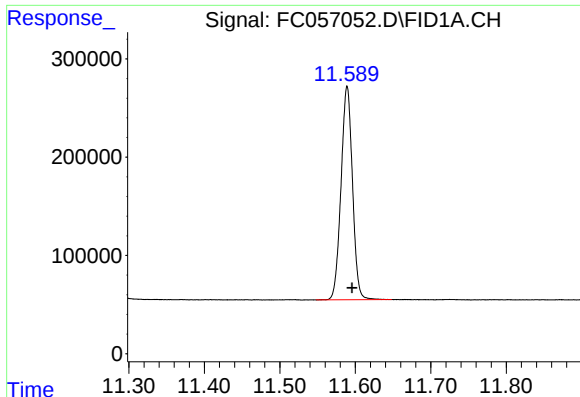
#7 n-Hexadecane (C16)

R.T.: 9.831 min
Delta R.T.: -0.007 min
Response: 2119472
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

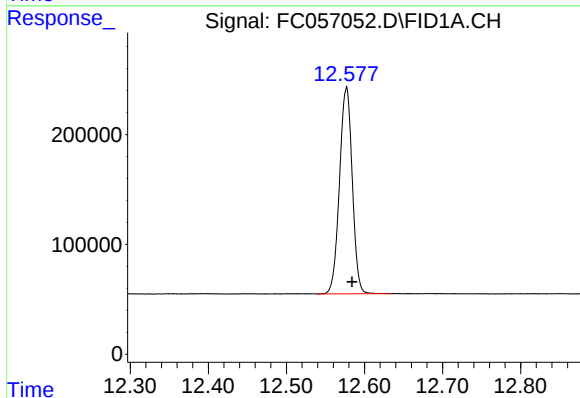
R.T.: 11.270 min
Delta R.T.: -0.007 min
Response: 2173956
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

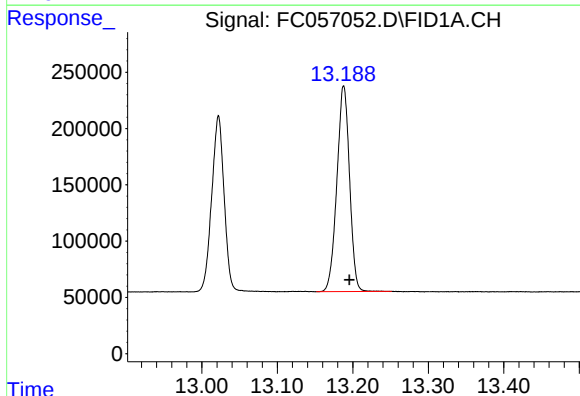
R.T.: 11.589 min
Delta R.T.: -0.007 min
Response: 2291856
Conc: 19.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



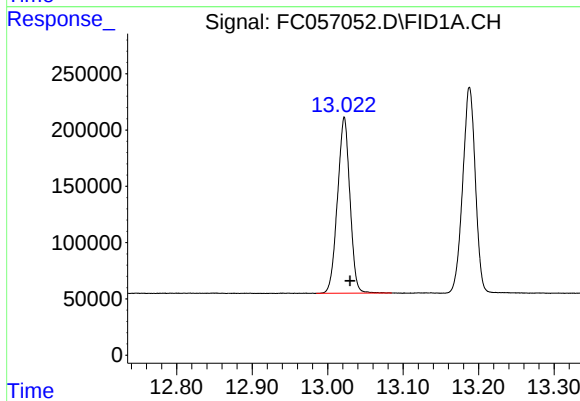
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.007 min
Response: 2132596
Conc: 19.94 ug/ml



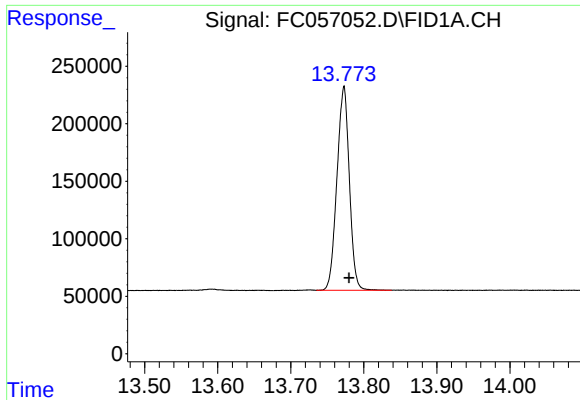
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: -0.008 min
Response: 2130680
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

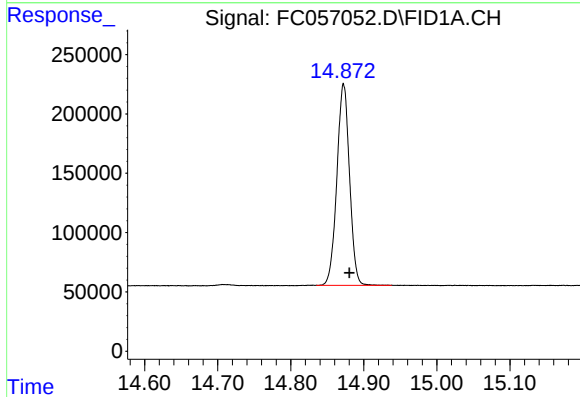
R.T.: 13.022 min
Delta R.T.: -0.008 min
Response: 1789455
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

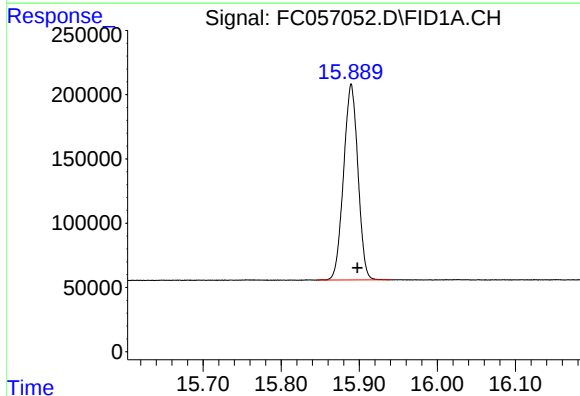
R.T.: 13.772 min
Delta R.T.: -0.007 min
Response: 2090368
Conc: 19.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



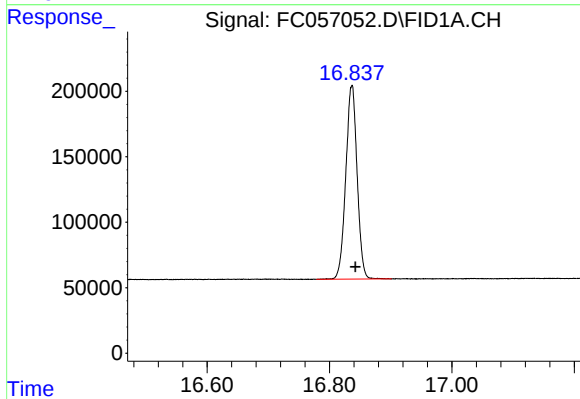
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.008 min
Response: 2040808
Conc: 18.85 ug/ml



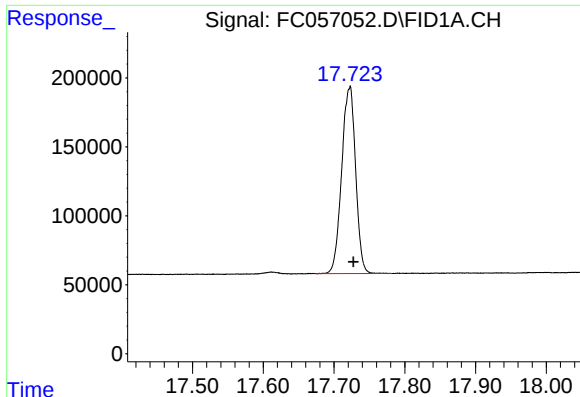
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: -0.008 min
Response: 1949647
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

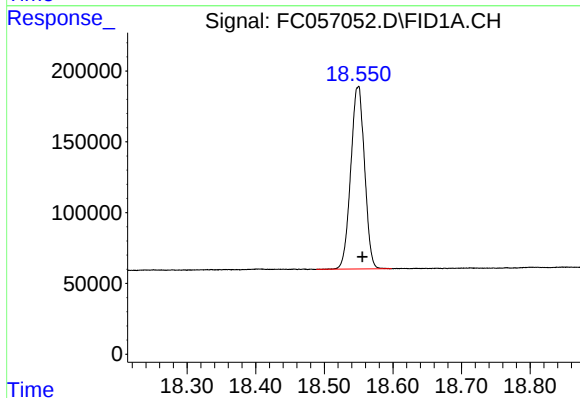
R.T.: 16.836 min
Delta R.T.: -0.006 min
Response: 1902723
Conc: 17.84 ug/ml



#17 n-Tricontane (C30)

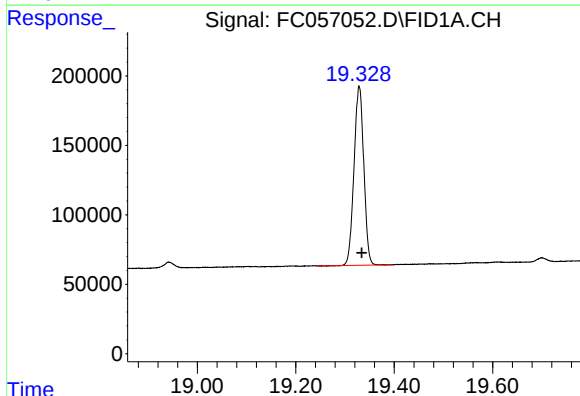
R.T.: 17.722 min
Delta R.T.: -0.006 min
Response: 1855394
Conc: 17.41 ug/ml

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20 PPM ALIPHATIC HC STD



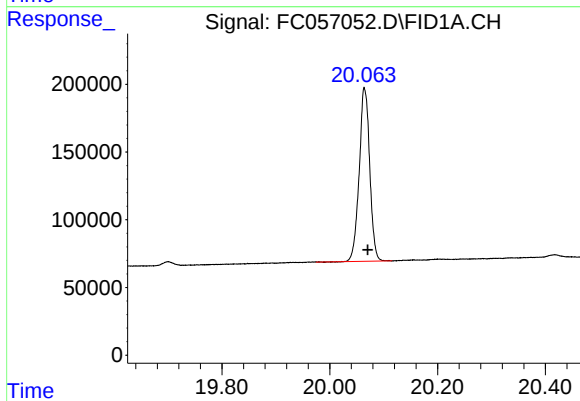
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: -0.006 min
Response: 1803797
Conc: 17.10 ug/ml



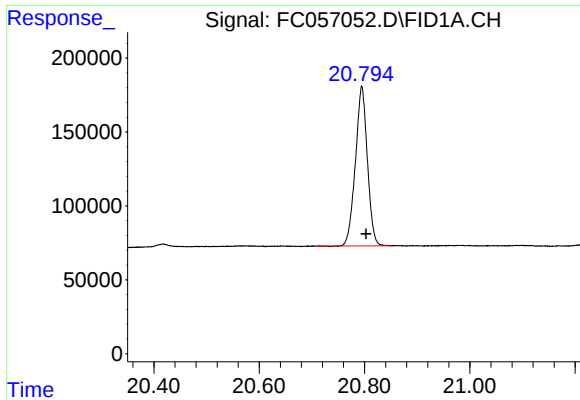
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: -0.006 min
Response: 1779686
Conc: 17.13 ug/ml



#20 n-Hexatriacontane (C36)

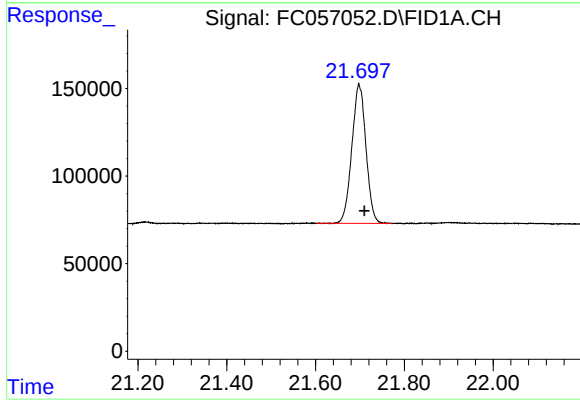
R.T.: 20.065 min
Delta R.T.: -0.006 min
Response: 1733491
Conc: 17.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.008 min
Response: 1702821
Conc: 18.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.012 min
Response: 1750983
Conc: 19.44 ug/ml